

#10

Sequence Listing

<110> Kumar Verma, Sunil
Singh, Lalji

<120> UNIVERSAL PRIMERS FOR WILDLIFE IDENTIFICATION

<130> U-013365-9

<140> 09/821782

<141> 2001-03-29

<160> 255

<210> 1

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer "mcb 398" for amplifying fragment of cytochrome b gene
of animal species

<400> 1

taccatgagg acaaatatca ttctg

25

<210> 2

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer "mcb 869" for amplifying fragment of cytochrome b gene
of animal species

<400> 2

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26

<210> 3

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> primer "AFF" for amplifying fragment of cytochrome b gene of
animal species

<400> 3

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23

<210> 4

<211> 23

<212> DNA

<213> Artificial Sequence

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<223> primer "AFR" for amplifying fragment of cytochrome b gene of animal species

<400> 4

tatgcaaata ggaagtatca ttc

23

<210> 5

<211> 328

<212> DNA

<213> adil.flesh

<220>

<223> DNA sequence generated from the confiscated skin of unknown animal origin using primers mcb398 and mcb869

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acaggatcta	acaaccctc	aggaatagta	tccgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagatat	cctgggcctt	ctagtactaa	tcctagcact	catactactc	240
gtcctattct	caccagacct	gttagggagac	cccgataact	acatccctgc	caaccctcta	300
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<210> 6

<211> 328

<212> DNA

<213> bhz25t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<400> 6

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 7

<211> 328

<212> DNA

<213> bhz26t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 2 using primers mcb398 and mcb869

<400> 7

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccacca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccataatcaa	gcgcgaat				328

<210> 8

<211> 328

<212> DNA

<213> bhz30t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 3 using primers mcb398 and mcb869

<400> 8

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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccacca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccataatcaa	gcgcgaat				328

<210> 9

<211> 328

<212> DNA

<213> bhz45t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 4 using primers mcb398 and mcb869

<400> 9

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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccacca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240

gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta	300
aacacccctc cccatatcaa gcgcgaat	328

<210> 10

<211> 328

<212> DNA

<213> bhz56t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 5 using primers mcb398 and mcb869

<400> 10

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ttcatccttc catTTatcat ctcagcccta gcagcagtc acctcctatt cctccatgag	120
acaggatcta acaacccctc aggaatagta tctgactcag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc	240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta	300
aacacccctc cccatatcaa gcgcgaat	328

<210> 11

<211> 328

<212> DNA

<213> bhz63t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 6 using primers mcb398 and mcb869

<400> 11

tgaatctgag gaggtctctc agtagacaaa gccaccctga cacgattctt tgccttccac	60
ttcatccttc catTTatcat ctcagcccta gcagcagtc acctcctatt cctccatgag	120
acaggatcta acaacccctc aggaatagta tctgactcag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc	240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta	300
aacacccctc cccatatcaa gcgcgaat	328

<210> 12

<211> 328

<212> DNA

<213> bhz20wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<400> 12

tgaatctgag gaggtctctc agtagacaaa gccaccctga cacgattctt tgccttccac	60
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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccacca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 13

<211> 328

<212> DNA

<213> bhz22wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris* tigris) animal number 2 using primers mcb398 and mcb869

<400> 13

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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccacca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 14

<211> 328

<212> DNA

<213> bhz23wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris* tigris) animal number 3 using primers mcb398 and mcb869

<400> 14

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ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccacca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 15

<211> 328

<212> DNA

<213> bhz28wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris* tigris) animal number 4 using primers mcb398 and mcb869

<400> 15

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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 16

<211> 328

<212> DNA

<213> gz1L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 1 using primers mcb398 and mcb869

<400> 16

tgaatctgag	gaggcttctc	agtagacaaa	gctaccttga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagctcta	gcagcagtc	acctcctatt	ccttcacgag	120
acaggatcta	acaaccctc	aggaatagta	tccgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagatat	cctgggcctt	ctagtactaa	tcctagcact	catactactc	240
gtcctattct	caccagacct	gttagggagac	cccgataact	acatccctgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 17

<211> 328

<212> DNA

<213> gz2L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 2 using primers mcb398 and mcb869

<400> 17

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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctagcact	catactactc	240
gtcctattct	caccagacct	gttgggagac	cccgataact	acatccccgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 18

<211> 328

<212> DNA

<213> gz3L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 3 using primers mcb398 and mcb869

<400> 18

tgaatctgag	gaggcttctc	agtagacaaa	gctacottga	cacgattctt	tgccttccac	60
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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcttagcact	catactactc	240
gtcctattct	caccagacct	gttgggagac	cccgataact	acatccccgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 19

<211> 328

<212> DNA

<213> gz21CL

<220>

<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 1 using primers mcb398 and mcb869

<400> 19

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattttt	cgcttccac	60
ttcatcctcc	catttatcat	ctcagcctta	gcagcagttc	accttctatt	tctccatgaa	120
acaggatcca	ataaccctc	aggaatggta	tccgattcag	acaaaatccc	gttccaccgc	180
tactatacaa	tcaaagatat	cctaggcctc	ctagttctaa	ttctagcgct	cacactactt	240
gttctattct	cccagacct	actaggagac	cctgacaatt	acactccccg	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 20

<211> 328

<212> DNA

<213> gz22CL

<220>

<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 2 using primers mcb398 and mcb869

<400> 20

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ttcatcctcc	catttatcat	ctcagcctta	gcagcagttc	accttctatt	tctccatgaa	120
acaggatcca	ataaccctc	aggaatggta	tccgattcag	acaaaatccc	gttccaccgc	180
tactatacaa	tcaaagatat	cctaggcctc	ctagttctaa	ttctagcgct	cacactactt	240
gttctattct	cccagacct	actaggagac	cctgacaatt	acactccccg	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 21

<211> 328

<212> DNA

<213> darz14SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*) animal number 1 using primers mcb398 and mcb869

<400> 21

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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	gccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcccgaat				328

<210> 22

<211> 328

<212> DNA

<213> darz15SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*) animal number 2 using primers mcb398 and mcb869

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ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	gccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcccgaat				328

<210> 23

<211> 328

<212> DNA

<213> darz16SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*) animal number 3 using primers mcb398 and mcb869

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acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	gccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcccgaat				328

<210> 24

<211> 328

<212> DNA

<213> sbz22AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 1 using primers mcb398 and mcb869

<400> 24

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgctttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctggt	cctccatgaa	120
acaggatcta	ataaccctc	aggaatggta	tctgactcag	ataaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcttaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	ataccccgc	caatcctcta	300
agcaccctc	cccatatcaa	acctgaat				328

<210> 25

<211> 328

<212> DNA

<213> sbz38AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 2 using primers mcb398 and mcb869

<400> 25

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ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctggt	cctccatgaa	120
acaggatcta	ataaccctc	aggaatggta	tctgactcag	ataaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcttaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	ataccccgc	caatcctcta	300
agcaccctc	cccatatcaa	acctgaat				328

<210> 26

<211> 328

<212> DNA

<213> sbz39AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 3 using primers mcb398 and mcb869

<400> 26

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acaggatcta	ataaccctc	aggaatggta	tctgactcag	ataaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcttaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	ataccccgc	caatcctcta	300
agcaccctc	cccatatcaa	acctgaat				328

<210> 27

<211> 328

<212> DNA

<213> humsk

<220>

<223> DNA sequence generated from the known human (Homo sapiens sapiens) using primers mcb398 and mcb869

<400> 27

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ttcatcttgc	ccttcattat	tgccagcccta	gcagcactcc	acctcctatt	cttgcacgaa	120
acgggatcaa	acaacccccct	aggaatcacc	tcccattccg	ataaaatcat	cttccaccct	180
tactacacaa	tcaaagacgc	cctcggctta	cttctcttcc	ttctctcctt	aatgacatta	240
acactattct	caccagacct	cctaggcgac	ccagacaatt	ataccctagc	caaccctta	300
aacacccccctc	cccacatcaa	gcccgaat				328

<210> 28

<211> 328

<212> DNA

<213> chimss

<220>

<223> DNA sequence generated from the known chimpanzee (pan troglodytes) animal using primers mcb398 and mcb869

<400> 28

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tttatcttac	ccttcattat	cacagcccta	acaacacttc	atctcctatt	cttacacgaa	120
acaggatcaa	ataacccccct	gggaatcacc	tcccactccg	acaaaattac	cttccacccc	180
tactacacaa	tcaaagatat	ccttggctta	ttccttttcc	tccttatcct	aatgacatta	240
acactattct	caccagacct	cctgggcgat	ccagacaact	ataccctagc	taacccccta	300
aacacccccac	cccacattaa	acccgaat				328

<210> 29

<211> 472

<212> DNA

<213> Cervus nippon centralis

<400> 29

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ttccatatat	tggcacaaac	ctagtccaat	ggatctgagg	gggcttctca	gtagataaag	120
caaccctaac	ccgatttttc	gctttccact	ttattcttcc	atztatcatc	gcagcacttg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actacacccat	taaagatatc	ttaggcattct	300
tacttctagt	actcttccta	atattactag	tattattcgc	accagacctg	cttgagatc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
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<210> 30

<211> 472

<212> DNA

<213> Cervus nippon yesoensis

<400> 30

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caaccctaac	cggatttttc	gctttccact	ttattcttcc	atttatcatc	gcagcacttg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actacaccat	taaagatatc	ttaggcattc	300
tacttctagt	actcttccta	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 31

<211> 472

<212> DNA

<213> Cervus nippon keramae

<400> 31

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caaccctaac	cggatttttc	gccttccact	ttattcttcc	atttatcatc	acagcactcg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actataccat	taaagatatc	ctaggcattc	300
tacttctagt	actcttcctg	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
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<210> 32

<211> 472

<212> DNA

<213> Cervus nippon pulchellus

<400> 32

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caaccctaac	cggatttttc	gccttccact	ttattcttcc	atttatcatc	acagcactcg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actataccat	taaagatatc	ctaggcattc	300
tacttctagt	actcttcctg	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
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<210> 33

<211> 472

<212> DNA

<213> Cervus nippon nippon

<400> 33

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caaccctaac	cggatttttc	gccttccact	ttattcttcc	atztatcatc	acagcactcg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actataccat	taaagatatc	ctaggcatct	300
tacttctagt	actcttccctg	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
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<210> 34

<211> 472

<212> DNA

<213> Cervus elaphus scoticus

<400> 34

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caaccctaac	cggatttttc	gctttccact	ttattctccc	atztatcatc	gcagcactcg	180
ctatagtaca	cttactcttc	cttcacgaaa	caggatctaa	taacccaaca	ggaattccat	240
cagacgcaga	caaaatcccc	tttcatcctt	attataccat	taaagatatc	ttaggcatct	300
tacttcttgt	actcttctta	atattactag	tattattcgc	accagaccta	cttggagatc	360
cagataacta	caccccagca	aaccactca	acacaccccc	tcatatataa	cctgaatgat	420
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<210> 35

<211> 472

<212> DNA

<213> Cervus dama

<400> 35

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caaccctaac	tcgattcttc	gctttccact	ttattctacc	attcatcatt	gcggcacttg	180
ctatagtaca	tttactcttt	cttcacgaga	caggatccaa	taacccaaca	ggaatcccat	240
cagatgtaga	taaaattccc	tttcatccct	actacaccat	taaagatatt	ttaggcatcc	300
tattcttatt	tctcttctta	ataacactag	tactatttgc	accagacttg	cttggagacc	360
cagacaaata	cactccagca	aatccactca	acacacctcc	tcatatataa	cccgaatgat	420
acttcttatt	tgcatacgca	atcctacgat	caattcccaa	taaattagga	gg	472

<210> 36

<211> 472

<212> DNA

<213> Rangifer tarandus

<400> 36

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caaccctaac	cggatttttt	gcttttccact	ttattcttcc	atztattatc	gcagcactcg	180
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cagactcaga	taaaattcca	ttccatccct	attatactat	caaagacatt	ctaggcatcc	300
tactcctaata	tctcttccct	atactactag	tattatttgc	accagactta	ctaggagacc	360
cagacaacta	taccccagca	aaccactca	acactccccc	tcatatataa	cctgaatgat	420
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<210> 37

<211> 472

<212> DNA

<213> Moschus fuscus

<400> 37

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caacactcac	tcgattcttt	gcctttcact	tcattctccc	atttatcatc	gcagcactcg	180
ctatgggttca	cctactcttt	ctccacgaaa	caggatccaa	caacccaaca	ggaatcacat	240
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tattactaat	cttagtctta	ataacactag	tactattcac	acctgattta	cttggagacc	360
cggacaatta	taccccagca	aaccatttaa	atacgcccc	acatatataa	cccgaatgat	420
atttcctatt	tgcatatgcc	attctacgat	caattcccaa	caaactagga	gg	472

<210> 38

<211> 472

<212> DNA

<213> Moschus leucogaster

<400> 38

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caacactcac	ccgattcttt	gccttccact	tcattctccc	atttatcatc	gcagcactcg	180
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cagatataga	caaaatccca	ttccaccctt	actacaccat	caaagacatt	ctaggtgtcc	300
tattactaat	cttagtctta	ataacactag	tactattcac	acctgattta	cttggagacc	360
cggacaatta	taccccagca	aaccatttaa	atacaccccc	acatatataa	cccgaatgat	420
atttcctatt	tgcatatgcc	attctacgat	caattcccaa	caaactagga	gg	472

<210> 39

<211> 472

<212> DNA

<213> Moschus chrysogaster

<400> 39

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caacactcac	tcgattcttt	gccttccact	tcattctccc	atttatcatc	gcagcactcg	180
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cagacataga	caaaatccca	ttccaccctt	actacaccat	caaagacatt	ctaggtgtcc	300
tattactaat	cctagtctta	ataacactag	tactattcac	acctgattta	cttggagacc	360
cggacaatta	taccccgga	aaccatttaa	atacgcccc	acatatataa	cccgaatgat	420
acttcctatt	tgcatatgcc	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 40

<211> 472

<212> DNA

<213> Moschus berezovskii

<400> 40

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caacactcac	ccgattcttt	gccttccact	tcattcctcc	atttatcatc	gcagcactcg	180
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cagacataga	caaaatccca	ttccaccctt	actacactat	caaagacatt	ctaggtgtcc	300
taatactaata	cttagtctta	atagtactag	tactattcac	acccgattta	cttggagacc	360
cggacaatta	tacccagca	aaccattaa	acacaccacc	acatattaaa	cccgaatgat	420
acttcctatt	tgcatatgcc	attctacgat	caattcccaa	caaactagga	gg	472

<210> 41

<211> 472

<212> DNA

<213> Moschus moschiferus

<400> 41

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caacactcac	ccgattcttt	gccttccact	ttatcctccc	atttatcatt	gcagcactcg	180
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cagacataga	caaaatccca	ttccaccctt	actacacccat	caaagatatt	ctaggtatcc	300
tattactaat	cttaactctta	atagcactag	tgctattttac	acccgacctt	cttggagatc	360
cggacaacta	tactccagca	aaccattaa	atacacctcc	acatattaaa	cccgaatggt	420
actttctatt	tgcatatgcc	attctacgat	caattcctaa	taaactagga	gg	472

<210> 42

<211> 472

<212> DNA

<213> Kobus ellipsiprymnus

<400> 42

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caacccttac	ccgcttcttc	gccttccact	ttattctccc	atttatcatc	gcggctatta	180
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ctgacaacta	tgccccagca	aaccacttta	acacgcccct	cacaattaaa	cctgaatgat	420
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<210> 43

<211> 472

<212> DNA

<213> Kobus megaceros

<400> 43

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caacccttac	ccgcttcttc	gccttccact	ttatcctccc	atttatcatc	gcagctatcg	180
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tcctattaat	cctaatacta	atactcctag	tactatttgc	ccccgaccta	cttgagagacc	360
ctgacaatta	taccccagca	aaccaccta	atacacctcc	ccatattaaa	cccgaatgat	420
atttccttatt	cgcatacgca	attttacggt	caattcctaa	taaactggga	gg	472

<210> 44

<211> 472

<212> DNA

<213> Redunca arundinum

<400> 44

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caacccttac	cggattcttc	gccttccact	ttatcctccc	attcattatc	acagccctcg	180
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ccgacaatta	tactccagca	aatccactca	acacaccccc	tcatattaaa	cccgaatgat	420
acttcttatt	tgcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 45

<211> 472

<212> DNA

<213> Redunca fulvorufula

<220>

<221> n

<222> 269

<223> unknown base

<400> 45

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cggacaatta	caccccagca	aaccaccta	acacaccccc	tcacatcaaa	ccagaatggt	420
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<210> 46

<211> 472

<212> DNA

<213> Neotragus moschatus

<400> 46

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caaccctcac	ccgatttttt	gccttccact	tcattctccc	atztatcatc	gcagcactcg	180
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cagacaacta	cacccccgca	aaccctctta	acacgcctcc	ccatatcaaa	cccgaatgat	420
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<210> 47

<211> 472

<212> DNA

<213> *Pelea capreolus*

<400> 47

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ccgacataga	caaaattcca	ttccaccctt	actacaccat	taaagatatt	ctaggcgctt	300
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ctgacaatta	caccctcgca	aaccgcgtca	acacaccccc	tcatatcaaa	cccgaatgat	420
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<210> 48

<211> 472

<212> DNA

<213> *Antilope cervicapra*

<400> 48

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caacccttac	ccgatttttt	gccttccact	ttatctctcc	atztatcatt	gcagccctta	180
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cagacaacta	tacaccagca	aaccacttta	atacaccccc	acatatcaag	cccgaatgat	420
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<210> 49

<211> 472

<212> DNA

<213> *Saiga tatarica*

<400> 49

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<210> 50

<211> 472

<212> DNA

<213> *Gazella dama*

<400> 50

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cagacaacta	cacaccagca	aatccactca	atacaccctc	acatattaag	cctgagcgat	420
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<210> 51

<211> 472

<212> DNA

<213> *Ourebia ourebi*

<400> 51

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tcctactaat	tctagccctc	atgctcctag	tcctattcac	accagacctg	cttggagacc	360
cagacaacta	tacaccagca	aaccctactaa	atacaccctc	acatattaaa	cctgagtggg	420
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<210> 52

<211> 472

<212> DNA

<213> *Gazella gazella*

<400> 52

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caacactcac	ccgattcttt	gcttttccact	ttatcttccc	attcatcatt	gcagccctcg	180
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cagacaacta	tacaccagca	aatccactca	acacaccctc	acacatcaaa	cctgaatggg	420
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<210> 53

<211> 472

<212> DNA

<213> *Raphicerus melanotis*

<400> 53

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caaccctcac	cgcattcttc	gcttttcact	tcagtctctc	atttatcatc	gcagccctag	180
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cagatataga	caaaatccca	tttcacccct	actacaccat	taaagacatt	ttaggagccc	300
tcctattaat	cctaaccctt	atgcttctag	ttctatttcg	accagaccta	ctcggagacc	360
cagacaacta	tacaccagca	aaccacctca	acacaccccc	acatatcaaa	cccgaatggt	420
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<210> 54

<211> 472

<212> DNA

<213> *Madoqua kirkii*

<400> 54

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tactactaat	tataggcctc	atactcctag	ttctattctc	accagacctg	ctcggagacc	360
cagacaacta	cacaccagca	aatccccctta	acacgcccccc	acacattaaa	cctgaatgat	420
atttcctatt	cgcataatgca	atcctccgat	caatccctaa	caaactaggg	gg	472

<210> 55

<211> 472

<212> DNA

<213> *Antilocapra americana*

<400> 55

taccatgagg	acaaatatca	ttctgagggg	caacagtcac	tactaaccta	ctctcagcaa	60
tcccatat	tgggtactaac	ctagtagaat	gaatctgagg	gggattctca	gtagacaaag	120
caaccctcac	cgcattcttc	gcattccact	ttatctctcc	attcatcatt	gcagcactag	180
ccatagtaca	cttactattc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
cagacgcaga	caaaatccca	ttccacccat	actacaccat	caaagacatt	ctaggagcac	300
tactaataat	cttagcccta	ataatactag	tactattctc	accagacctg	ttaggagacc	360
ccgacaacta	cacaccagct	aaccacctca	acactccccc	acacattaag	ccagaatgat	420
atttcctatt	cgcataatgca	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 56

<211> 472

<212> DNA

<213> *Tragulus javanicus*

<400> 56

taccctgagg	acagatatct	ttctgaggag	ccacagtcac	caccaacctc	ttatcagcta	60
tcccatat	tggcacagac	ttggctcgaat	gaatctgagg	tggtttttca	gtagacaaag	120
caacccttac	acgattcttt	gccttccact	ttatctctcc	atttatcatt	acagccctag	180

tectagtcca	ccttttattt	ctccacgaaa	caggatctaa	taaccccaca	ggaatcccct	240
cagacgcaga	caaaatcccc	ttccacccat	actacactat	taaagacatt	ctaggggttc	300
tagccctatt	tctagcccta	atactactag	tcctattctc	acccgaccta	cttggagacc	360
cagataacta	cacccccgcc	aaccccccta	acacaccacc	ccatatcaaa	cccgaatgat	420
atttccttatt	tgcatacgca	attcttcggt	caatccccaa	taaactagga	gg	472

<210> 57

<211> 472

<212> DNA

<213> *Tragulus napu*

<400> 57

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tcccctatat	cggcaccgaa	ctagttgaat	gaatctgagg	cgggttctca	gtagacaaaag	120
caacccttac	acgatttttt	gccttccact	tcctcctccc	atttgtcatt	acagccctag	180
ccctagtcca	tcttttattt	ctccacgaga	caggatcaaa	taaccccaca	ggaatcccct	240
cagacgcaga	caagatcccc	ttccacccat	actacaccat	caaagatgtc	ctaggggttc	300
tagtccctaat	actagtcctt	ctattactag	tcctattttc	accggacttg	ttgggagacc	360
ccgacaatta	cactccggca	aaccccccta	acacaccacc	tcattattaag	ccagagtggg	420
atttccttatt	cgcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 58

<211> 472

<212> DNA

<213> *Balaenoptera acutorostrata*

<400> 58

taccctgagg	acaaatatca	ttttgagggtg	caaccgtcat	caccaacctc	ctatcagcaa	60
tcccctatat	tgggtactacc	ttagttgaat	gaatctgagg	tggcttctct	gtagacaaaag	120
caacattaac	acgctttttt	gccttccact	tcctcctccc	ttttattatc	ctagcattag	180
caattgtcca	cctcattttt	ctccacgaaa	caggatccaa	taaccccaca	ggtatcccat	240
ctgacataga	caaaatccca	ttccacccct	actacacaat	caaagacatt	ctagggcgccc	300
tactactaat	tctaacccta	ctagcactaa	ccctatttcg	accggacctg	cttggagacc	360
ccgacaacta	taccccagca	aacccactca	gtaccccagc	acacattaaa	ccagaatgat	420
acttccttatt	cgcatacgca	atcctacgat	caatccctaa	taaactaggc	gg	472

<210> 59

<211> 472

<212> DNA

<213> *Balaenoptera bonaerensis*

<400> 59

taccctgagg	acaaatatca	ttttgaggcg	caaccgtcat	caccaacctc	ctatcagcaa	60
tcccctatat	tgggtaccacc	ttagttgaat	gaatctgagg	tggcttctct	gtagacaaaag	120
caacattaac	acgctttttt	gccttccact	tcctcctccc	tttcattatc	ctagcattag	180
caattgtcca	cctcattttt	ctccgcgaaa	caggatccaa	taaccccaca	ggtattccat	240
ctgatataga	caaaatccca	ttccacccct	attacacaat	caaagacatt	ctagggcgccc	300
tactactaat	tctaacccta	ctaactactaa	ccctatttcg	acccgacctg	ctcggagacc	360
ccgacaacta	caccccagca	aacccactca	gtaccccagc	acacattaaa	ccagaatgat	420
attttcttatt	cgcatacgca	atcctacgat	caatccccaa	taaactaggc	gg	472

<210> 60

<211> 472

<212> DNA

<213> Balaenoptera borealis

<400> 60

taccctgagg	acaaatatca	ttttgaggcg	caaccgtc	caccaacctc	ttatcagcaa	60
tcccatacat	tggtactacc	ctagtcgaat	ggatctgagg	cggttttctc	gtagataaag	120
caacactaac	acgctttttt	gccttccact	tcattctccc	cttcattatt	ctagcactag	180
caatgggtcca	cctcattttc	ctccatgaaa	caggatccaa	caaccccaca	ggtattccat	240
ccgacataga	caaaatccca	ttccaccctt	actacacagt	taaagacatt	ctaggcgccc	300
tactactaat	cctaacccta	ctaatactaa	ccctattcgc	acccgacctg	cttggagacc	360
cagacaacta	caccccagca	aatccactca	gtaccccagc	acacattaaa	ccagaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccccaa	caaattaggc	gg	472

<210> 61

<211> 472

<212> DNA

<213> Balaenoptera edeni

<400> 61

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tcccatacat	tggtactacc	ctagtcgaat	gaatctgggg	cggttttctc	gtagataaag	120
caacactaac	acgctttttt	gccttccact	ttatctctcc	cttcattatt	ctagcactag	180
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ccaacataga	caaaatccca	ttccaccctt	attacacaac	taaagacatt	ctaggcgccc	300
tactactaat	cctaacccta	ctaattgctaa	ccctattcgt	acccgacctc	cttggagacc	360
cagacaacta	cactccagca	aatccactca	gtaccccac	acacattaaa	ccagaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaattaggc	gg	472

<210> 62

<211> 472

<212> DNA

<213> Eschrichtius robustus

<400> 62

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tcccatacat	tggcactacc	ctagtcgaat	gggtctgagg	cggtttttct	gtagataaag	120
caacactaac	acgcttcttt	gccttccact	tcctctctcc	attcattatc	ctagcactag	180
caattgtcca	cctcattttc	ctccacgaaa	cgggatccaa	caaccccaca	ggcattccat	240
ccaacataga	caatatccca	ttccaccctt	attacacaat	taaagacata	ctaggcgccc	300
tgctactaat	cctaacccta	ctaatactaa	ccctattcgc	acccgacctg	ctcggagacc	360
cagacaacta	taccccagca	aacccactca	gcaccccac	acatattaaa	ccagagtgat	420
atttcctatt	tgcatacgca	atcctacgat	cgatccccaa	caaattaggc	gg	472

<210> 63

<211> 472

<212> DNA

<213> Balaenoptera musculus

<400> 63

tgccctgagg	acaaatatca	ttctgaggcg	caaccgtcat	caccaacctc	ctatcagcaa	60
tcccatacat	tggtactacc	ctagtcgaat	gaatctgagg	cgggttttct	gtggataaag	120
caacactaac	acgcttcttt	gccttccact	tcattctccc	cttcatcatt	atagcattag	180
caatcgtcca	cctcatcttc	cttcacgaaa	caggatccaa	caaccccaca	ggtatcccat	240
ctgacataga	taaaattcca	ttccaccctt	actacacaat	taaagacatt	ctaggcgccc	300
tactactaat	cctaacccta	ctaataattaa	ctctatttgc	acccgactta	ctcggagacc	360
cagacaacta	caccccagca	aaccctactca	gtaccccagc	acacattaaa	ccagagtgat	420
atttcctatt	tgcataatgca	atcctacgat	caatccccaa	caaattaggc	gg	472

<210> 64

<211> 472

<212> DNA

<213> Megaptera novaeangliae

<400> 64

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tcccatacat	tggtactacc	ctagtcgaat	gaatctgggg	cgggttttcc	gtagacaaag	120
caacactaac	acgtttcttt	gctttccact	tcactctccc	cttcatcatt	acagcattag	180
caatcgtcca	cctcattttc	ctccacgaaa	caggatccaa	caaccccaca	ggcatcccat	240
ccaacataga	caaaatccca	ttccaccctt	actacacaat	caaagacact	ctaggcgccc	300
tattactaat	cctaacccta	ctaattgttaa	ccctattcgc	acctgacctg	cttggagacc	360
cagataacta	caccccagca	aaccctactca	gtaccccagc	acacattaaa	ccagagtgat	420
atttcctatt	tgcatacgc	atcctacgat	caatccccaa	caaactaggc	gg	472

<210> 65

<211> 472

<212> DNA

<213> Balaenoptera physalus

<400> 65

tgccctgagg	acaaatatca	ttctgaggcg	caactgtaat	cactaacctc	ctatcagcaa	60
tcccatacat	tggtaccacc	ctagtcgaat	gaatctgagg	cgggtttctct	gtagataaag	120
caacactaac	acgctttttt	gcctttcact	ttatctctcc	cttcatcatc	ctagcattag	180
caattgtcca	ccttattttc	cttcacgaaa	caggatccaa	caaccccaca	ggcatcccat	240
ccgacataga	taaaatccca	ttccaccctt	accacacaat	taaagacatt	ctagggtgcc	300
tattactaat	cctaataccta	ctaataactaa	ccctattcgc	acccgacctt	cttggagacc	360
cagacaacta	taccccagca	aaccctactca	gtaccccagc	acacattaaa	ccagaatggt	420
attttctatt	cgcatacgc	atcctacgat	caatccccaa	caaactaggc	gg	472

<210> 66

<211> 472

<212> DNA

<213> Caperea marginata

<400> 66

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tcccatacat	tggtaccacc	ctagttgaat	gaatctgggg	tggtttctcc	gtagacaaag	120

cgacactaac	tcgcttcttt	gctttccact	tcctcctccc	tttcattatt	ctagcgctag	180
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ccaacataga	caaaattcca	ttccaccctt	actacacaat	taaagacatc	ctgggcgtcc	300
tactactaat	cctgacccta	ctaataattaa	ccttattttac	acctgacctg	cttggagacc	360
ctgacaacta	caccccagca	aatcccctca	gcaccccagc	acacatcaag	ccagaatgat	420
acttcctatt	tgcatatgca	atcctacgat	caattcctaa	taaattaggt	gg	472

<210> 67

<211> 472

<212> DNA

<213> Cephalorhynchus commersonii

<400> 67

taccctgggg	acagatatca	ttttgaggtg	caacagtcac	caccaacctc	ctatcagcaa	60
tcccctacat	cgggtactacc	ttagtagaat	gaatctgagg	cggatttttc	gtagacaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	cctaacccta	ctagcattaa	ccctatttgc	ccccgacctc	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcaccccgc	acacatcaaa	ccagagtgat	420
acttcctatt	cgcatatgca	atcctacgat	caattcccaa	taaacttgga	gg	472

<210> 68

<211> 472

<212> DNA

<213> Cephalorhynchus eutropia

<400> 68

taccctgggg	acagatatca	ttttgaggtg	caacagtcac	caccaacctc	ctatcagcaa	60
tcccctacat	cgggtactacc	ttagtagaat	gaatctgagg	cggatttttc	gtagacaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	cctaacccta	ctagcactaa	ccctatttgc	ccctgacctc	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcaccccgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 69

<211> 472

<212> DNA

<213> Lagenorhynchus obliquidens

<400> 69

taccctgagg	acagatatca	ttctgaggtg	caacagtcac	caccaacctc	ctatcagcaa	60
tcccctacat	cgggtactacc	ttagtagaat	gaatctgagg	cggatttttc	gtagacaaag	120
caacactaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	tctaacccta	ctagcactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcaccccgc	acacatcaaa	ccagaatggt	420
acttcctatt	cgcatatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 70

<211> 472

<212> DNA

<213> Cephalorhynchus heavisidii

<400> 70

taccctgagg	acaaatatca	ttttgaggcg	caacagtcac	caccaacctc	ctatcagcaa	60
tcccctacac	cggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtggacaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataatccca	ttccaccctt	attacacaa	taaagacatc	ctaggcgctt	300
tattccta	tctagcccta	ctagcactaa	ccctattcgc	ccctgaccta	ctgggagacc	360
ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
acttcttatt	cgcataatgca	atcctacgat	caatccctaa	taaacttgga	gg	472

<210> 71

<211> 472

<212> DNA

<213> cephalorhynchus hectori

<400> 71

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tcccctacac	cggcactacc	ttagtagaat	gaatctgagg	aggattttcc	gtagacaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattaa	180
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ccaacataga	cataatccca	ttccaccctt	attacacaa	taaagacatc	ttaggcgctt	300
tattccta	tctaactcta	ctagcactaa	ccctattcgc	ccctgaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	acacccccgc	acacatcaaa	ccagaatgat	420
acttcttatt	cgcataatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 72

<211> 472

<212> DNA

<213> Lagenorhynchus australis

<400> 72

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caacactaac	acgctttttc	gcttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataatccca	ttccaccctt	actacacaa	taaagacatc	ctaggcgctt	300
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ctgacaacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
atttcttatt	cgcataatgca	atcctacgat	caattcctaa	taaactcgga	gg	472

<210> 73

<211> 472

<212> DNA

<213> Lagenorhynchus cruciger

<400> 73

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tcccctacat	cgggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgctttttc	gctttccact	tcctctccc	attcatcatc	acagcattag	180
cagccgtcca	cctgctattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	actacacaat	taaagacatc	ctaggcgctt	300
tattcctaatt	cctaacccta	ctagcactaa	ccctgttcac	ccctgacctc	ctaggagacc	360
ctgacaacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcataatgca	atcctacgat	caatttcctaa	taaactcgga	gg	472

<210> 74

<211> 472

<212> DNA

<213> *Lagenorhynchus obscurus*

<400> 74

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tcccctacat	tggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgctttttc	gctttccact	ttatctccc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	cagaatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaatt	tctagcccta	ctaactactaa	ccttattcac	ccccgacctc	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgc	atcctacgat	caatttcctaa	taaacttgga	gg	472

<210> 75

<211> 472

<212> DNA

<213> *Lissodelphis borealis*

<400> 75

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tcccctacat	cgggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgctttttc	gctttccact	ttatctccc	attcatcatc	acagcattag	180
cagctgttca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaattccat	240
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tattcctaatt	tctggcccta	ctagcactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	caccccagca	aatccattaa	gcacccctgc	acacatcaaa	ccagaatggt	420
acttcctatt	tgcatacgc	atcctacgat	caatttcctaa	taaacttgga	gg	472

<210> 76

<211> 472

<212> DNA

<213> *Lissodelphis peronii*

<400> 76

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tcccctacat	cgggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgctttttc	gctttccact	ttatctccc	attcatcatc	acagcattag	180
cagctgttca	cctactgttc	ctacacgaga	caggatccaa	taaccccaca	ggaattccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctgggcgctt	300

tattcttaat	tctgacccta	ctagcactaa	ccctatttac	ccctgacctg	ttaggagatc	360
ctgataacta	caccccagca	aatccattaa	gcacccctgc	acacatcaaa	ccagaatggt	420
actttctatt	cgcatacgca	atcctacgat	caattccctaa	taaacttgga	gg	472

<210> 77

<211> 472

<212> DNA

<213> Globicephala macrorhynchus

<400> 77

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tcctttacat	cggcaccacc	ttagtagaat	gaatctgagg	tggaattttcc	gtagacaaaag	120
caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataattcca	ttccacccct	attatacaat	taaagacatc	ctaggcgccc	300
tactcttaat	cctagcacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	tactccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgca	atcctacgat	caattcccaa	taaacttgga	gg	472

<210> 78

<211> 472

<212> DNA

<213> Globicephala melas

<400> 78

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caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acaacattag	180
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ccaacataga	cataattcca	ttccacccct	attatacaat	taaagatatc	ctaggcgccc	300
tactcttaat	cctagcacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	tactccagca	aaccactactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 79

<211> 472

<212> DNA

<213> Feresa attenuata

<400> 79

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caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataattcca	ttccacccct	attatacaac	taaagatatc	ctaggtgccc	300
tactcttaat	tctaactatta	ctaactactaa	ccctgttcac	ccctgacctc	ctaggagacc	360
ctgataacta	tactccagca	aaccactactaa	gcacccctgc	acacatcaaa	ccagagtgat	420
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<210> 80

<211> 472

<212> DNA

<213> *Peponocephala electra*

<400> 80

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caacactaac	acgttttttc	gctttccact	tcctctccc	attcatcatc	acagcattgg		180
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ccaacataga	cataattcca	ttccaccctt	attatacaat	taaagacatc	ctaggcgctc		300
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ctaacaacta	tacccagca	aaccactaa	gcacctctgc	acacatcaaa	ccagaatgat		420
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<210> 81

<211> 472

<212> DNA

<213> *Grampus griseus*

<400> 81

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caacactaac	acgttttttc	gctttccact	ttctctccc	attcatcatc	acagcattag		180
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ccaacataga	cataattcca	ttccaccctt	attacacaat	taaagacatc	ctaggcgccc		300
tactccta	actaacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc		360
ctgataacta	cactccagca	aaccgctaa	gcacctctgc	acacatcaaa	ccagaatgat		420
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<210> 82

<211> 472

<212> DNA

<213> *Pseudorca crassidens*

<400> 82

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caacactaac	acgttttttc	actctccact	ttctctccc	attcatcatt	acagcactaa		180
cagctaccca	cctactattc	ctacacgaga	ctggatccaa	taacccacaca	ggaatcccat		240
ccaacataga	cataattcca	ttccaccctt	attacacaat	taaagatatc	ctaggcgccc		300
tactcttaat	tctaacta	ctaactactaa	ccctattcac	ccccgacctc	ctaggagacc		360
ctgataacta	tattccagca	aaccactaa	acacctctgc	acacatcaaa	ccagaatgat		420
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<210> 83

<211> 472

<212> DNA

<213> *Lagenorhynchus acutus*

<400> 83

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------------	------------	------------	------------	------------	------------	----

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caacactgac	acgctttttc	gccttccatt	tcatcctccc	attcataatt	acagcattag	180
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ctaacaataga	tataatcccc	ttccaccctt	attatacaat	taaagatatc	ctaggcgctt	300
tactcttaat	tctaacccta	ctagcactaa	ccctattcac	ccctgacctt	ctaggagacc	360
ctgataacta	cactccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcttatt	cgcatacgca	atcctacgat	caattcccaa	caaacttgga	gg	472

<210> 84

<211> 472

<212> DNA

<213> *Orcinus orca*

<400> 84

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caacactaac	acgttttttc	gccttccact	ttatcctccc	attcatcatc	acagcattaa	180
cagctgttca	cctactgttc	ctacacgaga	caggatccaa	taaccccaca	ggaatcccat	240
ccaacataga	tataatcccc	ttccaccctt	atcacacaat	taaagatacc	ctaggcgccc	300
tactcttaat	cctaaccctg	ctagcactaa	ccttattcgc	ccctgacctt	ctaggagacc	360
ctgacaacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
acttcttatt	cgcatacgca	atcctacgat	cagttcccaa	taaacttgga	gg	472

<210> 85

<211> 472

<212> DNA

<213> *Orcaella brevirostris*

<400> 85

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caacactaac	acgttttttc	gccttccact	ttatcctccc	attcatcatc	acagcactag	180
taactgttca	cctactattc	ctacacgaaa	caggatccaa	caatcctaca	ggaatcccat	240
ccaacataga	cataatcccc	ttccaccctt	atcatacatt	taaagacatc	ctaggcgccc	300
tactcttaat	cttagtccta	ctaactactaa	ccctgttcac	ccccgacctt	ctaggagacc	360
ctgataacta	tactccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
acttcttatt	cgcatacgcg	atcctacgat	caattcctaa	taaactcggg	gg	472

<210> 86

<211> 472

<212> DNA

<213> *Delphinus capensis*

<400> 86

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caacattaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaatataga	cataatcccc	ttccaccctt	attatacaat	caaagatatc	ctagggtgcct	300
tactccta	cttaacccta	ctagcactga	ccctattcac	tccagacctt	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcacccctgc	acatatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcctacgat	caatccctaa	taaacttgga	gg	472

<210> 87

<211> 472

<212> DNA

<213> Delphinus tropicalis

<400> 87

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caacattaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attatacaat	caaagatata	ctaggtgccc	300
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ctgataacta	taccccagca	aatccactaa	gcacccctgc	acatatcaaa	ccagaatgat	420
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<210> 88

<211> 472

<212> DNA

<213> Delphinus delphis

<400> 88

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caacattaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcactag	180
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ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagatata	ctaggtgcct	300
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ctgataacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 89

<211> 472

<212> DNA

<213> Stenella clymene

<400> 89

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caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcacatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaattccat	240
ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagatata	ctaggtgcct	300
tactcctaata	cttaacccta	ctagcactaa	ccctattcac	ccccgcaccta	ctaggagacc	360
ctgacaacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 90

<211> 472

<212> DNA

<213> *Stenella coeruleoalba*

<400> 90

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caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcattatc	acagcattag	180
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ctgataacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	caaacttgga	gg	472

<210> 91

<211> 472

<212> DNA

<213> *Tursiops aduncus*

<400> 91

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caacactaac	acgctttttc	gctttccact	ttatcctccc	gttcgtcatc	acagcattag	180
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tactcctaata	cttaacccta	ctagcactaa	ccctattcac	ccccgaccta	ctaggaaacc	360
ctgataacta	tatcccagca	aatccactaa	gtacccccgc	acacatcaaa	ccagagtgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 92

<211> 472

<212> DNA

<213> *Stenella frontalis*

<400> 92

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caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcattatc	acagcattag	180
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tactcctaata	cttaacccta	ctagcactaa	ccctattcac	ccccgaccta	ctaggagacc	360
ctgacaatta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 93

<211> 472

<212> DNA

<213> *Sousa chinensis*

<400>93

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caacattaac	acgctttttc	gctttccact	ttatcctccc	cttcattatc	acagcattag	180

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tactccta	cttaacccta	ctagcactaa	ccctattcac	ccccgaccta	ctaggagacc	360
ccgataacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgca	atcttacggt	caatccctaa	taaacttgga	gg	472

<210> 94

<211> 472

<212> DNA

<213> *Stenella longirostris*

<400> 94

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ctgataacta	taccccagca	aatccactaa	acacccctgc	acacatcaaa	ccagaatgat	420
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<210> 95

<211> 472

<212> DNA

<213> *Tursiops truncatus*

<400> 95

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<210> 96

<211> 472

<212> DNA

<213> *Lagenorhynchus alborostris*

<400> 96

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atttcctatt	cgcatacgca	atcctacgat	caatccctaa	caaacttgga	gg	472

<210> 97

<211> 472

<212> DNA

<213> *Steno bredanensis*

<400> 97

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ccgacaacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatggt	420
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<210> 98

<211> 472

<212> DNA

<213> *Sotalia fluviatilis*

<400> 98

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<210> 99

<211> 472

<212> DNA

<213> *Delphinapterus leucas*

<400> 99

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cagacaatta	caccccagca	aacccactaa	acacccctgc	acacatcaaa	ccagaatggt	420
acttcctatt	tgcatacaca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 100

<211> 472

<212> DNA

<213> *Monodon monoceros*

<400> 100

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caacactaac	acgcttcttc	accttccact	ttatcctccc	attcatcatc	acagcactag	180
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ctgacaatta	taccccagca	aacccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 101

<211> 472

<212> DNA

<213> *Platanista gangetica*

<400> 101

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caacactaac	acgattcttt	gcctttcact	tcatectccc	tttcatcatc	ctaactactag	180
caattatcca	cctactattc	ctacacgaaa	caggctcaaa	caaccccaca	ggaattcccat	240
cggacactga	caaaatccct	ttccacccct	actacacaat	caaagacacc	ctaggcgccc	300
tcatectaata	cctaacctca	ctcacattaa	ccttattttac	acctgaccta	ctaggagacc	360
cggataacta	caccccagca	aaccgcgtta	ataccccagc	acatatcaaa	ccagagtgat	420
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<210> 102

<211> 472

<212> DNA

<213> *Platanista minor*

<400> 102

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caacactaac	acgattcttt	gcctttcact	tcatectccc	tttcatcatc	ctaactactag	180
cagttatcca	cctactattc	ctacacgaaa	caggctcaaa	caaccccaca	ggaattcccat	240
ccaacactga	caaaatccct	ttccacccct	actacacaat	caaagacacc	ctaggcgccc	300
tcatectaata	cctaacctca	ctcacattaa	ccttattttac	acctgaccta	ctaggagacc	360
cggataacta	caccccagca	aaccgcgtta	ataccccagc	acatatcaaa	ccagagtgat	420
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<210> 103

<211> 472

<212> DNA

<213> *Kogia breviceps*

<400> 103

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ttccttatat	cggcaccacc	ctagtagaat	gagtctgagg	tggctttctcc	gtagacaaag	120
ccacattaac	acgcttcttt	gcctttcact	tcatectccc	ctttatcatc	ctagcactgg	180
caatgggtcca	cctcttattt	ctccacgaaa	caggatccaa	caaccccata	ggaatcccat	240
cggacataga	caaaatccca	ttccacccct	actacacaat	caaggacatc	ttaggcgccc	300

tactgcta	at	ctcagcgcta	cttacattaa	ccctatttgc	accagaccta	ttaggagacc	360
ctgacaacta	caccccagca	aaccactaa	gcaccccggc	acacattaaa	ccagaatgat		420
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<210> 104

<211> 472

<212> DNA

<213> Kogia simus

<400> 104

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ctacgctaac	acgctttctt	gctttccact	ttattctccc	cttcatcatc	ctagcactag	180
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ctgatataga	caaaatccca	ttccaccctt	actacacaat	caaagatatc	ctaggcgccc	300
tactactaat	ctcagcacta	ctcacactga	ccctgttgc	acctgatcta	ctaggagacc	360
ccgacaacta	tacccagca	aaccactaa	gcaccccggc	acacattaaa	ccagaatgat	420
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<210> 105

<211> 472

<212> DNA

<213> Physeter catodon

<400> 105

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caacactgac	acgctttctt	actctccact	tcattctccc	ctttatcacc	ctaactactaa	180
caatagtaca	tctcctat	ctccatgaaa	caggatccaa	caacccca	ggaattcctt	240
ccaacataga	caaaatccca	ttccaccctt	accacacaat	caaagacacc	ataggtgccc	300
tactactaat	cctatcccta	cttactactaa	ccctgttgc	acccgacctg	ctaggagatc	360
ctgacaacta	cacccagca	aatccactaa	ataccccaac	acacatcaaa	ccagaatggt	420
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<210> 106

<211> 472

<212> DNA

<213> Lipotes vexillifer

<400> 106

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caacattaac	ccgctttctt	gctctccatt	tcattctccc	atttattatt	gtagcactaa	180
caaccgtcca	cttactat	ctccatgaaa	caggatccaa	caacccaata	ggaattccat	240
ctaactataga	caaaatccca	ttccaccctt	accacacaat	taaagatatc	ttaggcgccc	300
ttctattaat	atttggttcta	ctcacactaa	ccttacttgc	accagaccta	ctcggagatc	360
ctgataatta	tacccagca	aaccactaa	acactccgc	acacatcaaa	ccagaatgat	420
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<210> 107

<211> 472

<212> DNA

<213> *Phocoena sinus*

<400> 107

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ccacactaac	acgcttcttt	gccttccatt	ttatccttcc	atctattatt	ttagccctag	180
cagccgtcca	cttactattt	ctccacgaaa	caggatctaa	taaccccaca	ggaatcccat	240
ccgatataga	caaaatccca	ttccaccctt	attacacaat	caaagacatc	ctaggagccc	300
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ccgataacta	taccccagca	aatccactca	gcaccccagc	acacattaag	ccagaatgat	420
acttcttatt	cgcatacgca	atcctacgat	caattcccaa	taaactagga	gg	472

<210> 108

<211> 472

<212> DNA

<213> *Berardius bairdii*

<400> 108

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ccacactaac	acgcttcttt	gccttccact	ttatcctccc	ttttatcatt	ctaaccctag	180
cagccgtcca	cttactattc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaatataga	taaaattcca	ttccaccctt	actatacaat	caaagatata	ctaggagccc	300
tactactaat	cctagcccta	ctcacgctaa	ccctatttgc	acccgacctc	ctaggagagc	360
ccgacaacta	taccccggca	aaccgctca	gcaccccac	acataattaag	ccagaatgat	420
acttcttggt	cgcatacgca	atctttagat	cagtcctcaa	taaactaggg	gg	472

<210> 109

<211> 472

<212> DNA

<213> *Ziphius cavirostris*

<400> 109

taccttgagg	acaaatatca	ttctgaggtg	caaccgtcat	cacaaacctc	ttatccgcta	60
tcccttatat	cggcactact	ctagtgcgaat	gaatctgagg	tggtttttca	gtagataaaag	120
ccacactaac	acgcttcttt	gccttccatt	tcctccttcc	atctattatt	ttagccctag	180
cagccgtcca	cttactattt	ctccacgaaa	caggatctaa	taaccccaca	ggaatcccat	240
ccgatataga	caaaatccca	ttccaccctt	attacacaat	caaagacatc	ctaggagccc	300
tactattaat	cgtaattcta	ctcgactaa	ccctattcgc	acccgacctg	ctaggagacc	360
ccgataacta	taccccagca	aatccactca	gcaccccagc	acacattaag	ccagaatgat	420
acttcttatt	cgcatacgca	atcctacgat	caattcccaa	taaactagga	gg	472

<210> 110

<211> 472

<212> DNA

<213> *Mesoplodon europaeus*

<400> 110

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ctgatataga	caaaatccca	ttccatcctt	actacacaat	caaagatata	ctaggggctc	300
tactactaat	tctagcccta	ctcaccctaa	ccctattcgc	acccgacctg	ctaggagacc	360
ccgacaatta	caccccagca	aaccactta	atactccagc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatacgca	attctacgat	caattcccaa	caaactagga	gg	472

<210> 111

<211> 472

<212> DNA

<213> Mesoplodon bidens

<400> 111

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ccacattaac	acgcttcttc	gccttccact	ttatcctccc	atthattatt	ttagccctag	180
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tactactaat	tctaacccta	ctcgacttaa	ccctattcgc	acctgacctg	ctaggagacc	360
ccgacaacta	taccccagca	aaccactca	gcacccagc	ccacatcaaa	ccagagtggc	420
atthcttatt	cgcatacgca	atcttacgat	caattcctaa	taaactagga	gg	472

<210> 112

<211> 472

<212> DNA

<213> Mesoplodon densirostris

<400> 112

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ttccctatat	tggcaccacc	ctagtcgagt	gaatctgagg	tggcttttcc	gtagacaaaag	120
ccacattaac	acgcttcttc	gcttttccact	tcacccctcc	ctthattatt	ctagccctaa	180
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ctgacataga	taaaattcca	ttccaccctt	attacacaat	caaagatatt	ttagggagccc	300
tactattaat	tctggcccta	cttatactaa	ccctatttgc	acctgacctc	ctaggagacc	360
ccgataatta	tactccagca	aaccactca	acactccagc	acacatcaaa	ccagagtggc	420
atthcttatt	tgcatacgca	atcctacgat	caatcccaa	caaattagga	gg	472

<210> 113

<211> 472

<212> DNA

<213> Hyperoodon ampullatus

<400> 113

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ccacattaac	ccgcttttcc	gccctccact	ttatcctccc	attcattatt	ctagccctag	180
caatcgtcca	cctactatth	ctccatgaaa	caggatccaa	caatccca	ggaatcccat	240
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tattactaat	cctagtccta	ctcacattaa	ccctattcgc	acccgacctc	ctaggagacc	360
ctgataacta	taccccagca	aaccactca	gcactccagc	acacatcaaa	ccagaatggc	420
acttcttatt	tgcatacgca	atcctacgtt	caatccctaa	caaactagga	gg	472

<210> 112

<211> 472

<212> DNA

<213> *Mesoplodon densirostris*

<400> 112

taccatgagg	acaaatatcc	ttctgaggtg	caactgtcat	taccaatctt	ctatccgcta	60
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ccacattaac	acgcttcttc	gctttttcact	tcctcctccc	ctttattatt	ctagccctaa	180
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ctgacataga	taaaattcca	tttcaccctt	attacacaat	caaagatatt	ttaggagccc	300
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ccgataatta	tactccagca	aacccactca	acactccagc	acacatcaaa	ccagagtggg	420
attttctatt	tgcatacgca	atcctacgat	caatccccaa	caaattagga	gg	472

<210> 113

<211> 472

<212> DNA

<213> *Hyperoodon ampullatus*

<400> 113

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ccacattaac	ccgctttttc	gccctccact	ttatcctccc	attcattatt	ctagccctag	180
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tattactaat	cctagtcccta	ctcacattaa	ccctattcgc	acccgacctt	ctaggagacc	360
ctgataacta	taccccagca	aacccactca	gcactccagc	acacatcaaa	ccagaatggg	420
acttcttatt	tgcatacgca	atcctacggt	caatccctaa	caaactagga	gg	472

<210> 114

<211> 472

<212> DNA

<213> *Hyperoodon ampullatus*

<400> 114

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ttccctatat	cggcactacc	ctagttgaat	gaatctgagg	tggttttctcc	gtagacaaag	120
ccacattaac	ccgctttttc	gccctccact	ttatcctccc	attcattatt	ctagccctag	180
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ctgataacta	taccccagca	aacccactca	gcactccagc	acacatcaaa	ccagaatggg	420
acttcttatt	tgcatacgca	atcctacggt	caatccctaa	caaactagga	gg	472

<210> 114

<211> 472

<212> DNA

<213> *Hyperoodon ampullatus*

<400> 114

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ctgataacta	taccccagca	aaccctactca	gcactccagc	acacatcaaa	ccagaatggt	420
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<210> 115

<211> 472

<212> DNA

<213> *Mesoplodon peruvianus*

<400> 115

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<210> 116

<211> 472

<212> DNA

<213> *Pontoporia blainvillei*

<400> 116

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caacactaac	gogattcttc	gctttccatt	ttatccttcc	attcattatt	acagccctag	180
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<210> 117

<211> 472

<212> DNA

<213> *Hippopotamus amphibius*

<400> 117

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cagacaacta	cacccccgca	aacccctta	gcacaccacc	acacattaaa	ccagaatgat	420
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<210> 118

<211> 472

<212> DNA

<213> Hexaprotodon liberiensis

<400> 118

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tcccctatat	tggaacagac	ctagtagaat	gaatctgagg	aggcttttct	gtagataaag	120
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tacttcta	aacaatacta	ctcacactaa	ccttatttgc	cccagacctc	ctaggggacc	360
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<210> 119

<211> 472

<212> DNA

<213> Rhinoceros sondaicus

<400> 119

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cagacaacta	catcccagcc	aaccctctca	gcacccctcc	acatatcaaa	ccagaatggt	420
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<210> 120

<211> 472

<212> DNA

<213> Ceratotherium simum

<400> 120

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ctgaca	acta	caccoc	ctgcc	aatcct	ctca	gcactc	cccc	acatat	caaa	ccagaat	gat	420
actttct	tatt	tgctta	cgc	atccta	cagat	ccatcc	cctaa	caaact	taggc	gg		472

<210> 121

<211> 472

<212> DNA

<213> *Dicerorhinus sumatrensis*

<400> 121

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tcccata	cat	cggc	accgac	cttgta	gaat	ctgag	gggatt	ctcc	gtaga	caaag		120
ccaccct	cac	cgggt	tcttt	gcttt	ccact	tcattc	ctccc	cttc	atcatc	ctagc	ccctag	180
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tacttct	aat	cctag	cccta	ctcac	cctag	ttctatt	ctc	gctga	cctc	ctagg	agacc	360
cggaca	acta	cacacc	cgcc	aaccct	ctca	gcacc	cctcc	acacatt	aaa	ccaga	atggt	420
acttct	tatt	cgctta	cgc	atccta	cagat	ccatcc	ccaa	taaact	taggc	gg		472

<210> 122

<211> 472

<212> DNA

<213> *Equus asinus*

<400> 122

taccatg	agg	acaa	atatcc	ttctg	aggag	caacgg	tc	tacaa	acctc	ctatc	agcaa	60
tcccct	at	cggta	ctacg	ctcgt	cgaat	gaatc	tgag	ggatt	ctca	gtaga	caaag	120
ccaccct	tac	cggatt	tttt	gcctt	ccact	ttattc	tacc	ctttat	catc	acagc	ccctgg	180
taatc	gtcca	tctact	tattc	ctccac	gaaa	caggat	ccaa	caaccc	ctca	ggaat	cccat	240
ctgaca	taga	caaa	atccca	ttccac	ccgt	actaca	caaat	taaaga	catc	ctagg	acttc	300
tcctc	ctagt	cctact	cccta	ctaacc	cctag	tattatt	ctc	ccctga	cctc	ctagg	agacc	360
cagaca	acta	cacccc	cagct	aacccc	ctca	gcactc	cccc	tcattat	taag	ccaga	atggt	420
atttct	tatt	tgctta	cgc	atccta	cagct	ccattc	ccaa	caaact	taggt	gg		472

<210> 123

<211> 472

<212> DNA

<213> *Babyrousa babyrusa*

<400> 123

taccttg	agg	acaa	atatca	ttttg	aggag	ctaccg	tc	tacaa	accta	ctatc	agcca	60
ttccct	tatat	cggaa	cggac	ctcgt	tagaat	ggatc	tgag	aggett	ctcc	gtcgat	aaaag	120
caaccct	cac	acgatt	tcttt	gcttt	ccact	ttattc	tacc	cttc	atcatc	accgt	ctctcg	180
caaccgt	taca	tctatt	tattc	cttcac	gaaa	ctggat	ccaa	taaccc	tact	ggaatt	ttcat	240
cagata	taga	caaa	atccca	ttccac	ccct	actata	ccat	taaaga	catt	ctagg	agccc	300
tactcata	aat	tatagt	ctct	ctaata	cctag	tactatt	ctc	accaga	tcta	ctagg	agacc	360
cggaca	acta	tactcc	agca	aacc	actaa	atac	accacc	ccacatt	taag	ccaga	atgat	420
acttct	tatt	tgctta	cgc	atccta	cagct	caatcc	ccaa	caaatt	taggc	gg		472

<210> 124

<211> 472

<212> DNA

<213> *Phacochoerus africanus*

<400> 124

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caactctcac	acgattcttt	gccttccact	tcattttacc	ttttatcatc	gctgccctag	180
caaccgtaca	tctcttggtc	ctacacgaaa	ctggatctaa	caaccctact	ggaatctcat	240
cagacataga	caaaatccca	ttccacccat	actacaccat	taaagatatc	ctaggagccc	300
tattcataat	actaatcctg	ctaatacctag	tattattctc	cccagaccta	ctaggagacc	360
cagacaacta	taccccgagca	aaccatttaa	acacaccacc	ccacatcaaa	ccagaatgat	420
acttcttatt	cgcctacgcc	atcctacggt	caatccctaa	taaattaggt	gg	472

<210> 125

<211> 472

<212> DNA

<213> *Sus scrofa* haplotype EWB3

<400> 125

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tcccttatat	cggaaacagac	ctcgtagaat	gaatctgagg	gggtttttcc	gtcgacaaaag	120
caaccctcac	acgattcttc	gccttccact	ttatcctgcc	attcatcatt	accgccctcg	180
cagccgtaca	tctcctattc	ctgcacgaaa	ccggatccaa	taaccctacc	ggaatctcat	240
cagacataga	caaaattcca	tttcacccat	actacactat	taaagacatt	ctaggagcct	300
tattttataat	actaatccta	ctaatacctg	tactattctc	accagaccta	ctaggagacc	360
cagacaacta	caccccagca	aaccacttaa	acacccacc	ccatattaaa	ccagaatgat	420
atttcttatt	cgcctacgct	attctacggt	caattcctaa	taaactaggt	gg	472

<210> 126

<211> 472

<212> DNA

<213> *Sus barbatus*

<400> 126

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tcccctatat	cggaaacagac	ctcgtagaat	gaatctgagg	gggtttttcc	gtcgacaaaag	120
caacccttac	acgattcttc	gccttccact	ttatcctgcc	cttcgtcatt	accgccctcg	180
cagccgtaca	tctcctattc	ctacacgaaa	ccggatccaa	taaccccacc	ggaatttcat	240
cagacataga	caaaattcca	tttcacccat	actacactat	caaagacatt	ctaggagcct	300
tattttataat	actaatccta	ctaatacctg	tactattctc	accagaccta	ctaggagacc	360
cagacaacta	caccccagca	aaccacttaa	acaccccacc	ccatattaaa	ccagaatgat	420
acttcttatt	cgcctacgct	attctacggt	caatccccaa	taaactaggc	gg	472

<210> 127

<211> 472

<212> DNA

<213> *Lama glama*

<400> 127

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ccacccttac	acgattcttc	gccttccact	ttatcttacc	ttttgtcatt	gcagctctag	180
caggagtaca	tctactattt	ttacacgaaa	caggctccaa	caatccaaca	ggaatttctt	240
cggatataga	caaaatcccc	ttccatccct	actatacaat	taaagacatt	ctaggagcac	300
tactacttat	tctaacccta	cttctactcg	tactattctc	accagaccta	ctaggagacc	360
ccgacaacta	tactcccgt	aacccccctca	acacaccgcc	ccatattaaa	ccagaatgat	420
acttcctatt	tgcatacgcc	atcctacgat	ccatcccca	taaattaggc	gg	472

<210> 128

<211> 472

<212> DNA

<213> lama guanicoe

<400> 128

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ttccatatgt	tggcacaaca	ctagtcgaat	gaatttgagg	ggggttctcc	gtagataaaag	120
ccacccttac	rcgattcttc	gccttccact	ttatcttacc	ttttgtcatt	gcagctctag	180
caggagtgca	tctactattt	ttacacgaaa	caggctccaa	caatccaaca	ggaatttctt	240
cggatataga	caaaatcccc	ttccatccct	actatacaat	taaagacatt	ctaggagtac	300
tactacttat	tctgacccta	cttctactcg	tactattctc	accagaccta	ctaggagacc	360
ccgacaacta	tactcccgt	aacccccctca	acacaccgcc	tcatattaaa	ccagaatgat	420
acttcctatt	tgcatatgcc	atcctacgat	ccatcccca	caaattaggc	gg	472

<210> 129

<211> 472

<212> DNA

<213> Vicugna vicugna

<400> 129

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ccacccttaa	ccgattcttc	gccttccact	ttatcttacc	tttcatcatt	gcagctctag	180
cgggagtaca	tctactattt	ttacacgaaa	caggctccaa	caacccaaca	ggaatttctt	240
cagatataga	caaaattccc	ttccatccct	actacacaat	taaagacatt	ttaggagcac	300
tactacttat	tctgattcta	ctcctactcg	tactattctc	accagactta	ctaggagacc	360
ccgacaacta	tacccccgt	aacccccctta	acacaccacc	ccacattaaa	ccagaatgat	420
atttcctatt	tgcatatgct	attctacgat	cgatcccca	taaattaggc	gg	472

<210> 130

<211> 472

<212> DNA

<213> Camelus bactrianus

<400> 130

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ttccctatat	cggcacaaca	ctagtagaat	gaatttgagg	tggcttctcc	gtagacaaaag	120
ccaccctcac	acgattcttt	gccttccact	tcacctcgcc	atctattatc	acggccctag	180
tagccgtaca	cctattatct	ctacacgaaa	caggctctaa	taacccgaca	ggaatctcct	240
cagacataga	caaaatccca	ttccacccct	actacacaat	taaagacatc	ctaggagcac	300
tgctactaat	attaattctc	cttattctcg	tactgttctc	accagactta	ttaggagatc	360
ctgacaacta	tactcccgt	aacccccctca	atacaccacc	acacattaag	ccggaatgat	420

atttcctatt cgcatacgt atcctacgat ccatcccca caaattggga gg 472

<210> 131

<211> 472

<212> DNA

<213> *Arctocephalus forsteri*

<400> 131

ttccatgagg	acaaatatca	ttctgaggag	cgaccgtcat	taccaacctc	ctatcagcag	60
tcccctacat	tgggaccaac	ctagtagaat	gaatctgagg	aggattttca	gttgataaag	120
caaccctaac	acgattcttc	gcctttcact	tcattctccc	cttcgtagca	tcagcactag	180
taatagtaca	tctgctattc	ctacatgaaa	caggatccaa	taacccatca	ggagtctcct	240
ctgactcaga	caaaatccca	ttccacccat	attatacaat	taaagatatc	ctgggagccc	300
tcctactaat	cttgattcta	atattactag	taatattttc	accagatctg	ctgggagacc	360
cagacaacta	caccccagcc	aacccctca	gcactccacc	acatattaaa	cctgaatgat	420
attttctatt	cgcctacgcc	attttacgat	ctatcccca	caaactagga	gg	472

<210> 132

<211> 472

<212> DNA

<213> *Arctocephalus gazella*

<400> 132

ttccatgagg	acagatatca	ttctgaggag	caaccgtcat	taccaacctc	ctgtcagcaa	60
tcccctacat	cggaaactaac	ctagtagaat	gaatctgagg	aggattttca	gttgataagg	120
caaccctaac	acgattcttc	gcctttcact	ttattcttcc	cttcgtagta	tcagcactag	180
taatagtcca	cctactattc	ctacacgaaa	caggatccaa	caacccatca	ggagtctcct	240
ctgactcggg	caaaattcca	ttccacccat	attatacaat	taaagatatc	ctgggagccc	300
tcctactaat	cttaattcta	atattactag	taatattttc	accagatctg	ctaggagacc	360
cagacaacta	catcccagcc	aacccctca	gtactccacc	acatatcaaa	cctgaatggt	420
attttctatt	cgcctatgcc	attttacgat	ctatcccca	caaactagga	gg	472

<210> 133

<211> 472

<212> DNA

<213> *Eumetopias jubatus*

<400> 133

ttccgtgagg	acaaatatca	ttctgaggag	caaccgtcat	taccaacctc	ctatcagcta	60
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caaccctaac	acgattcttc	gcctttcact	ttattctccc	cttcgtagca	tcagcactag	180
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ccaactcaga	caaaattcca	ttccatccat	attacacaat	taaagatatc	ctgggaaccc	300
tcctactaat	cttaattcta	atattactag	taatattttc	accagacctg	ctgggagacc	360
cagacaacta	catcccagcc	aacccctca	gcactccacc	acatattaaa	cccgaatgat	420
atttcctatt	cgcctatgct	attttacgat	ccatcccca	caaattaggg	gg	472

<210> 134

<211> 472

<212> DNA

<213> *Zalophus californianus*

<400> 134

ttccatgagg	acaaatatca	ttttgaggag	caaccgtcat	taccaacctc	ctatcagcag	60
tcccttacat	cggaaccaac	ctagtagaat	gaatttgagg	gggattttca	gtcgacaaag	120
caaccctaac	acgattcttt	gccttccact	ttattctccc	cttcatagca	tcagcactag	180
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tcctactaat	cttaacccta	atactactag	taatattttc	accggacctg	ctgggagacc	360
cagacaacta	tattccagcc	aacccctca	gcactccacc	acatattaaa	cctgagtgat	420
atttcctatt	cgcctatgct	attttacgat	ccatccccaa	caaattaggg	gg	472

<210> 135

<211> 472

<212> DNA

<213> *Odobenus rosmarus*

<400> 135

taccatgagg	acaaatatcc	ttctgaggag	caaccgtcat	caccaacctt	ctgtcagcaa	60
ttccctatgt	agggaactgac	ttggtcgaat	gagtctgagg	ggggttttca	gttgataaag	120
caaccctaac	acgattcctc	gccctccact	tcgttcttcc	attcatggca	ttagcactaa	180
cagcagtaca	cctactattt	ctccacgaaa	caggatctaa	caacccttcg	ggaatcctat	240
ctgactcaga	caaaatccca	tttcacccgt	actacacaat	taaagatatc	ctagggctca	300
tcattctaata	cctaataccta	atactactag	tactattctc	accagattta	ctgggagacc	360
cggacaatta	caccccagcc	aaccctctca	gcacccacc	ccatatcaaa	cccgaatgat	420
atttcctatt	cgcctacgct	atcctccgat	ctattcccaa	caaactcggg	gg	472

<210> 136

<211> 472

<212> DNA

<213> *Phoca vitulina*

<400> 136

taccatgagg	acaaatatca	ttttgaggag	caacagtcac	caccaatcta	ctatcagcaa	60
tcccctatgt	cggaaccgac	cttgtacaat	gaatctgagg	agggttttca	gtagataaag	120
caaccctaac	acgattcttc	gccttccact	tcactctgcc	attcgtagta	tcagccctag	180
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ccgacaacta	tatccctgcc	aatcccctaa	gcacccacc	acatatcaaa	cctgaatggt	420
acttcctatt	tgctacgca	atcttacgat	ccatccccaa	caaactagga	gg	472

<210> 137

<211> 472

<212> DNA

<213> *Phoca fasciata*

<400> 137

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ttccctatat	cggaaccgac	ctagtacaat	gaatctgagg	aggattttca	gttgataaag	120
caaccctaac	acgatttttc	gctttccact	ttatcttacc	atttgtagta	tcagcactag	180

cggcagttca	cctactattc	ctacacgaaa	caggatccaa	caacccctcc	ggaatcgtat	240
ccgactcaga	caaaatccca	ttccacccat	actatacaat	taaagatatc	ctaggagccc	300
tactcctcat	cctagtccta	atactactag	tactattctc	acccgaccta	ctaggagacc	360
ccgacaacta	cacccctgcc	aaccccttaa	gcacccacc	acatatcaag	cccgaatgat	420
actttctatt	tgcctacgca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 138

<211> 472

<212> DNA

<213> *Phoca groenlandica*

<400> 138

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tcccctacat	cggaaaccgat	ctagtacaat	gaatctgagg	agggttctca	gttgataaag	120
caaccctaac	acgatttttc	gccttccact	tcattcttacc	attcgtagta	ttagcactag	180
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ccgacaacta	catccctgcc	aatcccttaa	gtacccacc	acatatcaag	cccgaatgat	420
actttttatt	tgcctacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 139

<211> 472

<212> DNA

<213> *Cystophora cristata*

<400> 139

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tcccctacat	cggagccgat	ctagtagaat	gaatctgagg	gggattttca	gtcgataaag	120
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ccgactcaga	caaaatccca	ttccacccat	actatacaat	taaagacatc	ctaggagccc	300
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ccgacaacta	tacccctgcc	aaccccttaa	gtacccacc	acatatataa	cctgaatgat	420
acttcttatt	cgcctatgca	atcctacgat	ctatccccaa	caaactagga	gg	472

<210> 140

<211> 472

<212> DNA

<213> *Hydrurga leptonyx*

<400> 140

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caaccctaac	acgattcttc	gccttccact	ttatccttcc	cttcgtagta	tcagcactag	180
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ccaactcaga	caaaatccca	tttcacccct	actacacaa	caaagacatc	ctaggagccc	300
tattcctcat	tctaacccta	atactactag	tattattctc	acccgaccta	ctaggagacc	360
ccgacaacta	tattcctgct	aaccccttaa	gcacccacc	acatatcaaa	cccgaatgat	420
atttcttatt	tgcctacgca	atcctacgat	ccattcccaa	taaactagga	gg	472

<210> 141

<211> 472

<212> DNA

<213> *Leptonychotes weddelli*

<400> 141

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ccgacaacta	tactcccgtc	aatcccctaa	gtactccacc	acatatcaaa	cccgaatgat	420
atttcctatt	tgcctacgca	atcttacgat	ccatccctaa	caaactagga	gg	472

<210> 142

<211> 472

<212> DNA

<213> *Mirounga leonina*

<400> 142

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caaccctaac	acgattcttc	gccttccact	ttatcctacc	attcgtagca	ctagcactag	180
cagcagtaca	tctactattc	ctacacgaaa	caggatccaa	caacccctct	ggaatcccat	240
ccgactcaga	caaaatccca	ttccacccat	actacacaat	caaagatatc	ttagggagccc	300
tacttcttat	tctaacccta	atactattag	tgttattctc	acccgactta	ttagggagacc	360
ccgacaacta	cacccctgcc	aatcccctaa	gcacccacc	acatatataa	cccgaatgat	420
atttcctatt	tgcctacgca	atcctacgat	ctattcccaa	caaactagga	gg	472

<210> 143

<211> 472

<212> DNA

<213> *Erignathus barbatus*

<400> 143

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caaccctaac	acgattcttc	gccttccact	ttatcctacc	atttgtagta	ttagcattag	180
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tacttcta	cctagttctt	atacttctag	tgctattctc	acccgacctc	ctggggagatc	360
ccgacaacta	cactcccgtc	aaccccctaa	gcacccacc	acatatataa	cccgaatgat	420
atttcctatt	cgcctatgca	atcctacgat	ccatccccaa	caaacttgga	gg	472

<210> 144

<211> 472

<212> DNA

<213> *Monachus schauinslandi*

<400> 144

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caaccctaac	acgattcttc	gctttccatt	ttattatacc	cttcatagta	ttagcactag	180
cagcagtcca	tttattatft	ctacacgaaa	caggatccaa	caatccctcc	ggaattccat	240
ccaactcaga	caaaatccca	ttccacccat	actatacaat	taaagacatt	ctaggagctt	300
tactccttat	cctaattcta	atactactag	tactattctc	acccgactta	ctaggagacc	360
ctgacaacta	catccctgcc	aaccccttaa	acactccacc	acacattaaa	cccgaatgat	420
acttcctatt	cgcctacgca	atcctacgat	ctatccccaa	taaactagga	gg	472

<210> 145

<211> 472

<212> DNA

<213> *Helarctos malayanus*

<400> 145

taccctgagg	ccaaatgtcc	ttctgaggag	caactgtcat	taccaatctc	ttatcagcca	60
tcccctatat	tggaaacggac	ctagtagaat	gagctctgagg	aggcttttcc	gtagacaagg	120
cgactctaac	acgattcttt	gccttccact	ttatccttcc	gttcatcatc	ttggcactaa	180
cagcgggtcca	cctattattc	ctacacgaaa	cagggtccaa	caatccctct	ggaatcccat	240
ctgactcaga	caaaatccca	tttcacccgt	actatacaat	taaggacatc	ctaggcgccc	300
tactttcttac	cctagcccta	acaaccctag	ttctattctc	gcccgactta	ctaggagacc	360
ctgacaacta	catccccgca	aatccattga	gcacccacc	ccacatcaaa	cccgaatggt	420
actttctatt	tgcctacgct	atcctacgat	ccatccctaa	taaactagga	gg	472

<210> 146

<211> 472

<212> DNA

<213> *Selenarctos thibetanus*

<400> 146

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tcccctatat	tggaaacagac	ctagtagaat	gaatctgagg	gggcttttct	gtagataaag	120
caaccctaac	acgattcttt	gccttccact	ttatccttcc	gttcatcatc	ctagcactag	180
cagcagttca	tctattgttc	ctacacgaaa	caggatccaa	caacccttct	ggaatcccat	240
ccaactcgga	caaaatccca	tttcacccat	actatacaat	taaagacgcc	ctaggcgccc	300
tactttctcat	cctagcccta	gcaactctag	tcctattctc	gcccgactta	ctaggagacc	360
ctgataacta	tacccccgca	aaccactga	gcacccacc	ccacatcaaa	cccgaatgat	420
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<210> 147

<211> 472

<212> DNA

<213> *Ailurus fulgens*

<400> 147

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caactctaac	tcgattcttc	gccttccact	tcattottcc	atztatcatt	gcaacactag	180
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tactccttat	cctaattctc	atgacattag	tactattctt	acctgacttg	cttgggtgatc	360

ctgataacta	tattcccgc	aacccattaa	gcacaccacc	ccatattaaa	cctgagtgg	420
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<210> 148

<211> 472

<212> DNA

<213> *Felis catus*

<400> 148

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ccaccctaac	acgattcttt	ggcttccact	tcattcttcc	attcattatc	tcagccttag	180
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cggattcaga	caaaatccca	ttccacccat	actatacaat	caaagacatc	ctaggcttcc	300
tagtactagt	tttaacactc	atactactcg	tcctatcttc	accagacctg	ctaggagacc	360
cagacaacta	catcccagcc	aaccctttaa	ataccctctc	ccatattaaa	cctgaatgat	420
acttcctatt	cgcatacgca	attctccgat	ccatccctaa	caaactaggg	gg	472

<210> 149

<211> 472

<212> DNA

<213> *Canis familiaris*

<400> 149

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caaccctaac	acgattcttt	gcattccatt	tcatectccc	tttcatcctc	gcagctctag	180
caatagtaca	cctcctatct	ctacacgaaa	cgggatccaa	caacccttca	ggaatcacat	240
cagactcaga	caaaattcca	tttcaccctt	actacacaat	caaggatctc	ctaggagcct	300
tactcctact	cctaataccta	atatcactag	ttttatcttc	acctgacctc	ttaggagacc	360
cagataacta	cacccctgca	aaccctctaa	acaccctctc	acatattaaa	cctgagtgat	420
attttctatt	cgcctatgct	atcctacgat	ccatttctaa	taaattagga	gg	472

<210> 150

<211> 472

<212> DNA

<213> *Talpa europaea*

<400> 150

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cgacactcac	acgattcttc	gccttccact	tcattctgcc	atttattatt	gcggcactag	180
ctggagttca	cctgttattt	cttcacgaaa	caggatcaaa	caaccctatc	ggactctcat	240
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taatccta	tatagctcta	tcatacttag	tattatcttc	acctgacctc	ctaggagacc	360
cagacaatta	catcccggca	aaccgcgtaa	acacaccacc	ccatattaaa	cccgaatgg	420
acttcctatt	tgcatacgcc	atcctacgat	caatttctaa	taaattagga	gg	472

<210> 151

<211> 472

<212> DNA

<213> *Glaucomys sabrinus*

<400> 151

taccctgagg	acaaatatct	ttctgaggag	ccaccgtcat	caccaacctt	ctctcagcta	60
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ctaccctaac	cggatttttt	gcatttcatt	ttgtcctccc	ttttattatt	gctgccctag	180
ccataatcca	tctactcttt	ttacacgaaa	caggatccaa	taacccatca	ggactaatct	240
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taatcctcat	cttaatcttc	ataaccctag	ttctcttcac	ccctgatctt	ctaggagacc	360
cagacaacta	taccccagcc	aaccctactca	acaccctctc	ccacatcaaa	ccagaatgat	420
actttctatt	tgcatacgca	attctacgat	ctattccaaa	taaactagga	gg	472

<210> 152

<211> 472

<212> DNA

<213> *Glaucomys volans*

<400> 152

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ctaccttaac	cggattcttt	gcatttcact	tcattcttcc	ttttatcatt	gccgctctag	180
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ctgactcaga	caaaatccca	ttccaccctt	acttctcaat	taaagatacc	ctaggattct	300
taatccttat	cttaatcttc	ataaccctag	ttctcttcac	cccggatctt	ctaggagacc	360
cagacaacta	tactccagcc	aaccctactca	acggccctcc	ccatatcaag	ccagagtgat	420
actttctatt	tgcgtatgca	attctacgat	ctatcccaaa	taaactagga	gg	472

<210> 153

<211> 472

<212> DNA

<213> *Hylopetes phayrei*

<400> 153

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cggattcaga	caaaatccca	tttcacccat	actatttcaat	taaagatctc	ctaggcgccc	300
ttattcttct	cctaattctt	ataaaccttag	tactattttc	ccccgatctt	ttaggagacc	360
ctgacaacta	cacccccgcc	aaccctactta	acaccctctc	tcatattaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcctacgat	ctattcccaa	taaattagga	gg	472

<210> 154

<211> 472

<212> DNA

<213> *Petinomys setosus*

<400> 154

taccatgagg	acaaatatcc	ttctgagggg	ctaccgttat	tacaaaccta	ctatctgcc	60
------------	------------	------------	------------	------------	-----------	----

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ctaccctaac	ccgattcttc	gcattccact	ttgtgctgcc	ctttattatt	gcggcactgg	180
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ccgattcaga	caaattccca	tttcacccat	actattcaat	taaagatctc	ctagggggccc	300
ttattcttct	cctaactctt	ataaaccttag	tactattctc	ccccgatctt	ttaggagacc	360
ctgacaacta	cacccccgcc	aaccacctta	acacccctcc	tcatattaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcctacgat	ctattcccaa	taaattagga	gg	472

<210> 155

<211> 472

<212> DNA

<213> *Belomys pearsonii*

<400> 155

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tcccttatat	tggaactgat	ctagtagagt	gaatctgagg	ggggttttca	gtagacaagg	120
caaccctaac	acgattcttc	gcattccact	ttatcttacc	atctatcgta	gcagcccttg	180
caatagtcca	ccttcttttc	ctccacgaaa	ttgggtcaaa	taatcccccc	ggattaattt	240
ctgaatctga	taaagtacca	ttccacccat	acttcacaat	caaagatatt	cttggcgccc	300
taatcttcgg	ccttatattt	acaaccctta	ttctattcgc	ccctgatctc	ctaggagacc	360
ctgacaacta	tactccggcc	aatccactta	acacccctcc	ccacattaaa	ccagaatgat	420
actttctaatt	ttattacgca	atccttcgat	ccatccccaa	caaactagga	gg	472

<210> 156

<211> 472

<212> DNA

<213> *Pteromys momonga*

<400> 156

taccctgagg	acaaatatca	ttctgaggcg	ccactgtcat	caccaacctg	ctatccgcca	60
tcccttatat	cggcaccaac	cttggttgaat	ggatctgagg	tgggtttctca	gtagataaag	120
ctaccctaac	acgattcttt	gcattccact	ttgtctctcc	cttcattatc	gcagccctag	180
caatagtcca	cctacttttc	cttcatgaaa	caggggtccaa	caacccatct	ggacttacct	240
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ccgacaacta	taccccagcc	aacccctca	acactccccc	tcatatcaaa	ccagagtgat	420
atttctctatt	cgcataatgct	atcttacgat	ctatccctaa	caaactaggc	gg	472

<210> 157

<211> 472

<212> DNA

<213> *Galagoides demidoff*

<400> 157

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ctacccttac	ccgattcttt	gctttccact	ttatctctcc	atctatcatt	acagcaatag	180
tcataatcca	cctcctattc	cttcacgaaa	caggatcaaa	caacccctca	ggacttccat	240
cagactcaga	caaaatcccc	tttcacccct	attacataat	caaggatctc	ctaggactga	300
ttattctctt	actaactctg	ttctccctag	taatattctc	cccggacctg	ctaggagacc	360
ctgacaacta	caccccgcgc	aaccccttaa	acacccacc	acatatcaaa	ccagagtgat	420
atttctctatt	tgccctacgcc	atcctacgat	ctatccccaa	caaactagga	gg	472

<210> 158

<211> 472

<212> DNA

<213> *Perodicticus potto*

<400> 158

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ctaccctaac	acgattcttc	gccttccact	tcctcctccc	ctttattatc	acagcactag	180
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cagaatcaga	caaaatcccc	ttccaccctt	actacaccac	caaagactta	ctaggagcca	300
tctttcttct	actaatccta	ctcaccctag	tcctattctc	cccagacctt	ttaggagacc	360
ctgacaacta	caccccagcc	aaccccttaa	acacccacc	acatatcaaa	ccagaatggt	420
actttctatt	cgcctacgcc	atcttacgat	ccatcccaaa	caaactggga	gg	472

<210> 159

<211> 472

<212> DNA

<213> *Galago matschiei*

<400> 159

tcccatgagg	acaaatatca	ttctgaggcg	ctaccgtaat	cacaaatctc	ctctccgcaa	60
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ccacccttac	togattcttc	gcttttccact	tcctcctacc	tttcattatt	gcagccctag	180
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cagacaattt	tacccccgct	aatcccttaa	acacccacc	acacatcaaa	ccagaatgat	420
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<210> 160

<211> 472

<212> DNA

<213> *Galago moholi*

<400> 160

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ctactctttac	ccgatttttt	gcttttccact	tcctcctgcc	tttcatcatc	gcggccctag	180
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cagactccga	caaaatcccc	ttccaccctt	actacacaa	taaagacctt	ctaggagcaa	300
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cagacaatta	tatccctgcc	aaccccttaa	acacccacc	acatattaaa	ccagaatgat	420
acttcttatt	tgcttacgcc	atccttcgat	caatcccaaa	caaactagga	gg	472

<210> 161

<211> 472

<212> DNA

<213> *Otolemur garnettii*

<400> 161

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<210> 162

<211> 472

<212> DNA

<213> *Loris tardigradus*

<400> 162

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ccgataatta	cacaccagct	aaccctttaa	acacccccacc	ccacatcaaa	ccagaatggt	420
atttcctatt	cgcatacgca	atcctacgat	caatcccaaa	taaactaggt	gg	472

<210> 163

<211> 472

<212> DNA

<213> *Nycticebus coucang*

<400> 163

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<210> 164

<211> 472

<212> DNA

<213> *Mus musculus*

<400> 164

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cagacaacta	cataccagct	aatccactaa	acaccccacc	ccatattaaa	cccgaatgat	420
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<210> 165

<211> 472

<212> DNA

<213> Gorilla gorilla

<400> 165

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<210> 166

<211> 472

<212> DNA

<213> Homo sapiens sapiens

<400> 166

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<210> 167

<211> 472

<212> DNA

<213> Dugong dugong

<400> 167

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cagacaacta	cacaccagcc	aacccactaa	acacccctcc	ccacattaaa	ccagaatgat	420
actttctatt	ccgatacgct	atcctccgat	ctatccctaa	taaactaggc	gg	472

<210> 168

<211> 472

<212> DNA

<213> *Elephas maximus*

<400> 168

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caaccttaaa	ccgattcttc	gccttccatt	tcctccttcc	atttactata	gttgcactag	180
caggagtgc	cctaaccctt	cttcacgaaa	caggctcaaa	caaccacta	ggtctcactt	240
cagactcaga	caaaattccc	tttcacccgt	actatactat	caaagacttc	ctagggtac	300
ttatccta	tttactcctt	ctactcttag	ccctactatc	tccagacata	ctaggagacc	360
ctgacaacta	cataccagct	gatccactaa	atactccctt	acacatcaaa	ccagagtgat	420
acttcccttt	tgcttacgcc	attctacgat	ctgtacccaa	caaactagga	gg	472

<210> 169

<211> 472

<212> DNA

<213> *Afropavo congensis*

<400> 169

tcccatgagg	ccaaatatca	ttctgagggg	caactgtcat	cacaaaccta	tactcagcaa	60
tcccttat	tggtcaaacc	ctagtagaat	gggcctgagg	aggattctca	gttgacaacc	120
caaccctcac	ccgattcttc	gccctacact	ttcttctccc	cttttctaatt	gcgggaatta	180
caattatcca	cctcacattc	cttcatgaat	caggctcaaa	caaccactg	ggcatctcat	240
ccaattcaga	taaaatccca	ttccacccgt	actactccct	caaagatatc	ctaggcttag	300
cactcatgct	cattccattc	ctgacactag	ccctactctc	ccccaacctc	ttaggtgatc	360
cagaaaactt	cacccagca	aaccctctag	taactccccc	acacattaaa	ccagaatggt	420
atttcttatt	tgcttatgcc	atccttcgct	caatcccaaa	caaactagga	gg	472

<210> 170

<211> 472

<212> DNA

<213> *Pavo muticus*

<400> 170

tcccatgagg	tcaaagtca	ttctgagggg	caactgttat	cacaaatcta	ttctcagcaa	60
tcccttat	tggtcaaacc	ctagtagaat	gagcctgagg	gggattctca	gtcgacaacc	120
caaccctcac	ccgattcttc	gccctacact	ttctcctccc	ctttgtaatc	gcaggaatta	180
caattatcca	cctcacattc	ctccatgaat	caggctcaaa	taatccacta	ggcatctcat	240
ccaactcaga	caaaattccg	ttccacccat	actactccct	caaagatatc	ctaggcttaa	300
ctcttatatt	tatcccatc	ctaacactag	ccctattctc	ccccaatctc	ctaggtgacc	360
cagaaaactt	tacccagca	aacccctag	taaccccccc	gcacattaaa	ccagaatgat	420
acttcttatt	tgcttacgcc	atccttcggt	caatccccaa	caaactagga	gg	472

<210> 171

<211> 472

<212> DNA

<213> *Tragopan blythii*

<400> 171

tcccatgagg	acaaatatca	ttttgagggg	ctaccgtcat	cacaaactta	ttctcagcaa	60
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caaccctcac	togattcttc	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
ccatcatgca	cctcatcttc	ttacatgaat	caggctctaa	taaccactg	ggcatctcat	240
ctaactctga	caaaatccca	ttccaccctg	actactccct	caaagatata	ctgggtctaa	300
cactcatgct	cacccccctc	ctcacactag	cattattctc	accgaacctc	ttaggcgacc	360
cagaaaactt	caccccagca	aaccactag	taaccctctc	ccatatcaaa	ccagaatgat	420
acttcctatt	cgcttatgcc	atcctgcgct	caatcccaaa	caaacttggg	gg	472

<210> 172

<211> 472

<212> DNA

<213> Tragopan satyra

<400> 172

tcccatgagg	acaaatatca	ttttgagggg	ctaccgtcat	tacaaattta	ttctcagcaa	60
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caaccctcac	ccgattcttc	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
ctatcatata	cctcatcttc	ttacatgaat	caggctctaa	taaccactg	ggcatctcat	240
ccaactctga	caaaatccca	tttcatccat	actactccct	caaggatata	ctaggcctaa	300
cactcatgct	cacccccctc	ctcacactag	ccttattctc	accaaacctc	ctagggtgatc	360
cagaaaactt	caccccagca	aaccactag	taaccctctc	ccatattaaa	ccagaatgat	420
acttcctatt	cgcttacgcc	atcctacgct	caatcccaaa	caaacttgga	gg	472

<210> 173

<211> 472

<212> DNA

<213> Tragopan caboti

<400> 173

tcccatgagg	acaaatatca	ttttgaggag	ctaccgtcat	cacaaattta	ttttcagcaa	60
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caacccttac	ccgattcttt	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
ccatcatcca	cctcatcttc	ctacatgaat	caggctctaa	caaccctctg	ggcatctcat	240
ctgactctga	caaaatccca	ttccaccctg	actactccct	caaagatata	ctgggcctaa	300
cactcatact	cactcctctc	ctcacactag	ccttattttc	accaaacctc	ctagggtgacc	360
cagaaaactt	caccccagca	aaccattgg	taactcctcc	ccatatcaag	ccagaatggt	420
atttcctggt	cgcttatgcc	atcctacgct	caatcccaaa	caaactcgga	gg	472

<210> 174

<211> 472

<212> DNA

<213> Tragopan temminckii

<400> 174

tcccatgagg	acaaatatca	ttttgagggg	ctaccgtcat	cacaaattta	ttctcagcaa	60
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caacccttac	ccgattcttt	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
ccatcatcca	cctcatcttc	ctacatgaat	caggctcaaa	caaccctcta	ggcatctcat	240
ctaactctga	caaaatccca	ttccaccctg	actactccct	caaagatata	ctaggcctaa	300
cactcatact	cactcccttc	ctcacactag	ccttattttc	accaaacctc	ctagggtgatc	360
cagaaaactt	caccccagca	aaccactag	taactcctcc	ccatatcaaa	ccagaatgat	420

atTTTtctgtt cgcttatgcc atcctgcgct caattccaaa caaactcgga gg

472

<210> 175

<211> 472

<212> DNA

<213> Argusianus argus

<400> 175

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ccacccttac	cggattcttt	gctctacatt	tcctcctacc	cttcgtaatc	gcaggaatca	180
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ctaactctga	caaaatccca	ttccacccat	actactccct	caaagacatc	ctaggcctaa	300
cactcatact	cgctccattc	cttactactaa	ccctatttcta	cccaaaccta	ctagggtgacc	360
cagaaaactt	caccccagca	aacccttag	taactccacc	ccacatcaag	ccagaatgat	420
acttcttatt	cgcttatgcc	atcctacgct	caatcccaaa	caaactagga	gg	472

<210> 176

<211> 472

<212> DNA

<213> Catreus wallichi

<400> 176

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tcccttacat	cggacagacc	ctagtagaat	gagcctgagg	aggattctca	gttgacaatc	120
caactctcac	cggattcttc	gcctgcact	tcctccttcc	cttcgtaatt	gcaggaatca	180
ccatcaccca	tctcatattc	ctacatgaat	caggctcaaa	taacccccta	ggcatctcat	240
ctaactccga	caaaatccca	ttccacccat	actactccct	caaagatata	ctaggcctag	300
cacttatatt	caccccattc	ctaactactag	ccctatttctc	accaaactctt	ctgggcgacc	360
cagaaaactt	caccccagca	aatccattag	taaccccacc	acacattaata	ccagaatggt	420
acttcttatt	tgcctacgct	atcctacgct	caatcccaaa	taaactcgga	gg	472

<210> 177

<211> 472

<212> DNA

<213> Crossoptilon crossoptilon

<400> 177

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caaccctcac	cggattcttc	gcctacact	tcctcctccc	cttcgtaatt	gcaggaatta	180
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ctaattccga	caaaatccca	ttccacccct	actactccct	caaagacatc	ctaggcctag	300
cacttatatt	caccccattc	ctaactactag	ccctatttctc	acctaactctt	ctgggcgacc	360
cagagaactt	caccccagca	aacccttag	taaccccacc	tcacattaata	ccagaatgat	420
acttcttatt	tgcctatgct	atcctgcgct	caatcccaaa	taaactcgga	gg	472

<210> 178

<211> 472

<212> DNA

<213> *Syrmaticus reevesi*

<400> 178

tcccatgagg	acaaatatca	ttttgagggg	caaccgtcat	cacaaattta	ttctcagcaa	60
tcccctacat	cggacaaacc	ctagtagagt	gggcctgagg	aggattctca	gttgacaacc	120
caaccctcac	cggattcttc	gcccttcaact	ttctcctacc	cttcgtaatc	acaggaatca	180
ccatcacaca	tcttatgttc	ctacacgaat	caggctcaaa	caaccacta	ggcatttcat	240
ctaactctga	caaaatcccc	tttcacccat	actactctct	caaagatatc	ctaggcctag	300
cacttatact	caccccatte	ctcacactag	ccctattctc	acctaacctg	ctaggcgacc	360
cagaaaactt	caccccagca	aaccactag	taaccctctc	tcacattaaa	ccagaatgat	420
acttctatt	tgccctacgcc	atcctacgct	caatcccaaa	caaactgggg	gg	472

<210> 179

<211> 472

<212> DNA

<213> *Bambusicola thoracica*

<400> 179

tcccatgggg	ccaaatatcc	ttttgagggg	ctaccgtcat	cacaaattta	ttctcagcaa	60
ttccctacat	cggacaaacc	ctagtagaat	gagcctgggg	gggattctca	gtagacaacc	120
caactctcac	cggattcttc	gccttacact	tcctactccc	cttcgtaatc	gcaggaatta	180
ccattatcca	cctcacatte	ttacacgaat	caggatcaaa	caacccccct	ggcatctcat	240
ctaactccga	caaaatccca	ttccacccat	actactcctt	taaagacatt	ctcggcctag	300
cccttatatt	catcccattc	ctgacactag	ccctattctc	ccctaacctc	ctaggagacc	360
cagaaaactt	caccccagca	aaccactag	taaccctctc	acacatcaaa	ccagagtggg	420
acttctatt	cgcgtatgct	atcgtacgat	caatcccaaa	caaactcgga	gg	472

<210> 180

<211> 472

<212> DNA

<213> *Francolinus francolinus*

<400> 180

tcccatgagg	ccaaatatca	ttctgagggg	ctaccgtcat	tacgaacct	ttctcagcaa	60
ttccctacat	tggaacaaacc	ttagtagagt	gagcctgagg	gggattctca	gtagataacc	120
caaccctcac	cggattcttc	gccttacact	tccttctccc	cttcgtaatt	gcaggaatca	180
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cccttatatt	catccctctc	cttacactag	ccctattctc	ccccaacctc	ctaggcgacc	360
ccgaaaactt	caccccagca	aaccactag	taactcctcc	ccacatcaaa	ccagaatgat	420
acttctatt	tgccctacgcc	atcctacgct	caatcccaaa	caaactcgga	gg	472

<210> 181

<211> 472

<212> DNA

<213> *Ithaginis cruentus*

<400> 181

taccatgagg	acaaatatca	ttctgaggag	ccactgtaat	cacaaacct	ctctcagcaa	60
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ttccctacat	cggccaaact	ctggtagaat	gagcttgagg	aggattttca	gtagacaacc	120
caaccctcac	ccgattcttc	gccctacact	ttctcctccc	cttcgcaatc	gcaggaaatta	180
ctgtcatcca	ccttacactc	ctccacgaat	caggttcaaa	taacccta	ggcatctcat	240
ctaactctga	caaaatccca	tttcacccat	actactccct	caaagacatc	ctaggcctag	300
cacttatact	catccccctt	cttacactag	tcctattttc	ccccaacctc	ctaggagatc	360
cagaaaactt	tagtccagca	aaccccctag	taacccccacc	ccatattaaa	ccagaatgat	420
acttcctatt	tgcctacgct	attctacgct	caatccccaa	taaacttgga	gg	472

<210> 182

<211> 472

<212> DNA

<213> Anthropoides paradisea

<400> 182

taccatgagg	acaaatgtca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccatatat	cggccaaacc	cttgtagaat	gagcttgagg	gggttttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatt	atgggcctca	180
ccctaatacca	cctcaccttc	cttcacgagt	ccggctcaaa	caacccccta	ggcattgtat	240
caaactgcga	taaaatccca	ttccacccct	atTTTTctt	aaaagatatc	ctaggattca	300
tactcatact	actcccactc	ataaccctag	ctctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	ccatatcaaa	ccagaatgat	420
atttcttatt	tgcgtatgcc	atcctacggt	caattccaaa	caaactagga	gg	472

<210> 183

<211> 472

<212> DNA

<213> Anthropoides virgo

<400> 183

taccatgggg	acaaatgtca	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
tcccatacat	cggccaaacc	cttgtagaat	gagcttgagg	gggttttttca	gtagataatc	120
ccacattaac	tcgattcttc	acgttacact	tcctccttcc	attcataatt	atgggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caacccccta	ggcatcgtat	240
caaactgcga	taaaatccca	ttccacccct	atTTTTctt	aaaagatatc	ctaggattca	300
tactcatact	actcccactc	ataaccctag	ctctattctc	accaaactta	ctaggagacc	360
cagaaaactt	ccccccagca	aatcccctag	tcacacctcc	ctatatcaaa	ccagaatgat	420
atttcttatt	tgcatacgcc	atcctacggt	caattccaaa	caaactagga	gg	472

<210> 184

<211> 472

<212> DNA

<213> Grus antigone antigone

<400> 184

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tccctacat	cggccaaacc	cttgtagaat	gagcttgagg	gggttttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caacccccta	ggcatcgtat	240
caaactgcga	taaaatccca	ttccacccct	actTTTTctt	aaaagatatc	ctaggattca	300
cactcatact	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	tcatatcaag	ccagaatgat	420
acttttttatt	tgcatacgcc	atcctacggt	caatcccaaa	caaactagga	gg	472

<210> 185

<211> 472

<212> DNA

<213> *Grus antigone gillae*

<400> 185

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tcccctacat	cggccaaacc	cttgtagaat	gagcttgagg	gggcttctca	gtagacaatc	120
ccacattaac	togattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggtc	caaa	caaccccccta	240
caaaactgcga	taaaatccca	ttccacccct	acttttcctt	aaaagatatc	ctaggattca	300
cactcatact	acttccactc	ataaccctag	ccctattctc	accaaacccta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	tcatatcaag	ccagaatgat	420
actttttatt	tgcatacgcc	atcctacgtt	caatcccaaa	caaactagga	gg	472

<210> 186

<211> 472

<212> DNA

<213> *Grus antigone sharpei*

<400> 186

taccatgagg	acaaatatca	ttttgagggg	ctacagtc	catcaccaatctc	ttctcagccg	60
tcccctacgg	cggccaaacc	cttgtagaat	gagcttgagg	gggcttctca	gtagacaatc	120
ccacattaac	togattcttc	actttacact	tcctccttcc	cttcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggtt	caaa	caaccccccta	240
caaaactgcga	taaaatccca	ttccacccct	acttttcctt	aaaagatatc	ctaggattca	300
cactcatact	acttccactc	ataaccctag	ccctattctc	accaaacccta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	ccatatcaag	ccagaatgat	420
actttttatt	tgcatacgcc	atcctacgtt	caatcccaaa	caaactagga	gg	472

<210> 187

<211> 472

<212> DNA

<213> *Grus leucogeranus*

<400> 187

taccatgagg	acaaatatca	ttttgagggg	ctacagtc	catcaccaatctc	ttctcagccg	60
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ccacattaac	togattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggtc	caaa	caaccccccta	240
caaaactgcga	taaaatccca	ttccacccct	acttttcctt	aaaagatatc	ctagggttca	300
tactcatact	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	cactccagca	aaccccctag	taacaccccc	acatatataa	ccagaatgat	420
acttccctatt	tgcatacgcc	atccgacgtt	caatcccaaa	caaactagga	gg	472

<210> 188

<211> 472

<212> DNA

<213> *Grus canadensis pratensis*

<400> 188

tgccatgagg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaaacc	ctcgtagaat	gggcttgagg	gggctttctca	gtagacaatc	120
ccacattaac	cggattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaattcca	cctcaccttc	cttcacgaat	cgggtcctaaa	caaccccccta	ggcattgtat	240
caaactgcga	taaaatccca	ttccaccctt	atTTTTcctt	aaaagatatc	ctaggggttca	300
tactcatact	acttccactc	ataaccctag	ctctatTTTt	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	gacccctag	tcacacctcc	ccatatcaaaa	ccagaatgat	420
actTTTTtatt	tgcctacgcc	atcttacgct	caatcccaaaa	caaactagga	gg	472

<210> 189

<211> 472

<212> DNA

<213> Grus canadensis rowani

<400> 189

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ccacattaac	cggattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaattcca	cctcaccttc	cttcacgaat	cgggtcctaaa	caatcccccta	ggcattgtat	240
caaactgcga	taaaatccca	ttccaccctt	atTTTTcctt	aaaagatatc	ctaggggttca	300
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cagaaaactt	caccccagca	aacccctag	tcacacctcc	ccatatcaaaa	ccagaatgat	420
actTTTTtatt	tgcctacgcc	atcttacgct	caatcccaaaa	caaactagga	gg	472

<210> 190

<211> 472

<212> DNA

<213> Grus canadensis tabida

<400> 190

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ccacattaac	cggattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaattcca	cctcaccttc	cttcacgaat	cgggtcctaaa	caaccccccta	ggcattgtat	240
caaactgcga	taaaatccca	ttccaccctt	atTTTTcctt	aaaagatatc	ctaggggttca	300
tactcatact	acttccactc	ataaccctag	ctctatTTTt	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aacccctag	tcacacctcc	ccatatcaaaa	ccagaatgat	420
actTTTTtatt	tgcctactcc	atcttacgct	caatcccaaaa	caaactagga	gg	472

<210> 191

<211> 472

<212> DNA

<213> Grus canadensis canadensis

<400> 191

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ccacattaac	cggattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaattcca	cctcaccttc	cttcacgaat	cgggtcctaaa	caaccccccta	ggcattgtat	240
caaactgcga	taaaatccca	ttccaccctt	atTTTTcctt	aaaagatatc	ctaggggttca	300

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cagaaaactt	caccccagca	aaccccctag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actttttatt	tgccctacgcc	atcttacgct	caatcccaaa	caaactagga	gg	472

<210> 192

<211> 472

<212> DNA

<213> Grus americana

<400> 192

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ccacattaac	ccgattcttc	actttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	ctccacgaat	cgggctcaaa	caaccccccta	ggcatcgtat	240
caaactgcga	taaaatccca	ttccaccctt	atttttcctt	aaaagacatc	ctaggattca	300
cactcatatt	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tgacacctcc	ccatattaag	ccggaatgat	420
actttttatt	tgcatacgcc	atcctacggt	caatcccaaa	caaactagga	gg	472

<210> 193

<211> 472

<212> DNA

<213> Grus grus

<400> 193

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tcccatacat	cggccaaacc	ctcgtagaat	gagcttgagg	gggcttctca	gtagacaacc	120
ccacattaac	ccgattcttc	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggctcaaa	caaccccccta	ggcatcgtat	240
caaactgcga	taaaatccca	ttccaccctt	atttttcctt	aaaagatatc	ctagggttca	300
tactcatatt	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccctctag	tcacacctcc	ccatattaag	ccggaatgat	420
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<210> 194

<211> 472

<212> DNA

<213> Grus monacha

<400> 194

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ccacattaac	tcgattcttc	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	ctccacgaat	cgggctcaaa	caaccccccta	ggcatcgtat	240
caaactgcga	taaaattcca	ttccaccctt	atttttcctt	aaaagatatc	ctaggattca	300
tattcatatt	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	tcatattaaa	ccggaatgat	420
acttttctatt	tgcatacgcc	gtcctacggt	caatcccaaa	caaactagga	gg	472

<210> 195

<211> 472

<212> DNA

<213> *Grus nigricollis*

<400> 195

taccatgagg	acaaatatca	ttttgagggg	ctacagttat	caccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gagcttgagg	aggcttctca	gtagacaacc	120
ccacattaac	tcgattcttc	accttacct	tcctcctccc	attcataatc	ataggcctca	180
ccctaattcca	cctcaccttc	ctccacgaat	ccggctcaaa	caacccccta	ggcatcgtat	240
caaaactgcga	taaaattcca	ttccaccctt	atTTTTcctt	aaaagatacc	ctaggattca	300
tattcatatt	acttccactc	ataaccctag	ctctattttt	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tcacacctcc	ccatattaag	ccggaatgat	420
actttctatt	tgcatacgct	atcctacggt	caatcccaaa	caaactagga	gg	472

<210> 196

<211> 472

<212> DNA

<213> *Grus japonensis*

<400> 196

taccatgggg	acaaatatcc	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
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ccacattaac	tcgattcttt	accttacct	tcctcctccc	attcataatc	ataggcctca	180
ccctaattcca	tctcactttc	ctccacgaat	ccggctcaaa	caacccccta	ggcatcgtat	240
caaactgtga	taaaatccca	ttccaccctt	atTTTTcctt	aaaagatatc	ttaggattta	300
cactcatatt	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	ttacacctcc	ccatattaag	ccggaatgat	420
acttcttatt	tgcatacgct	attctgcggt	caatcccaaa	caaactagga	gg	472

<210> 197

<211> 472

<212> DNA

<213> *Ciconia boyciana*

<400> 197

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caacactaac	ccgattcttc	gccctacct	ttcttctccc	cttcgcaatc	gcaggcctca	180
ccctaattcca	cctcaccttc	cttcacgagt	ccggctcaaa	caacccccta	ggcatcatct	240
caaaactgcga	caaaaattcca	ttccaccctt	acttctccct	caaagatatc	ctaggcctta	300
cactcctact	tctgccacta	accaccctgg	ccctattctc	acccaaccta	ctaggtgacc	360
cagagaactt	caccccagcc	aaccccttag	tcacaccccc	tcacatcaag	ccagagtggg	420
acttctctct	tgcatacgcc	atcctacgct	ccatcccaaa	caaactagga	gg	472

<210> 198

<211> 472

<212> DNA

<213> *Rhea americana*

<400> 198

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------------	------------	------------	------------	------------	------------	----

tcccgtacat	cggacaaacc	ttggtagaat	gagcttgagg	gggggttttca	gtagacaacc	120
ctaccctaac	ccgattcttc	gccctgcact	tccttctccc	cttcctaata	gcaggcatta	180
ctcttatcca	cctcaccttc	ctacacgaaa	ccgggtccaa	caacccctta	ggaatcgtat	240
ctcactctga	caaaatccca	ttccacccct	acttctccct	aaaagatgcc	ctaggactag	300
ctctcatatt	tatcccgtc	ctaaccctag	ccttcttctc	acccaacctc	ctaggggacc	360
cagaaaactt	caccccagcc	aaccccttag	ttacaccccc	tcacatcaag	ccagaatgat	420
atttcctatt	cgcttacgcc	atcttacgct	ccatccccaa	caaactagga	gg	472

<210> 199

<211> 472

<212> DNA

<213> *Anthracoceros albirostris*

<400> 199

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tcccatacat	cggccaaacc	ttagtagaat	gggcctgagg	gggattctcc	gttgacaacc	120
caaccctgac	acgattcttc	gccctacact	ttctcctccc	gttcataatc	gcaggcctag	180
tcctaattca	cctggcattc	ctccacgaat	cagggtcaaa	caacccta	ggcatcacat	240
ccaactgcga	caaaatccca	ttccacccat	actttgccct	aaaggacatc	ctaggattca	300
cagtaatact	cctcctccta	acctccctag	ccctcttctc	ccccaacctc	ctaggagacc	360
cagaaaactt	cacaccagca	aacccctgg	taactcccc	ccatattaag	ccagaatggt	420
atttcctatt	cgcatatgcc	atcctacgct	caatccccaa	taaactagga	gg	472

<210> 200

<211> 472

<212> DNA

<213> *Falco femoralis*

<400> 200

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tcccatacat	cggcctaaacc	ctagtcgagt	gggcctgagg	aggattttca	gtagacaatc	120
caacactgac	ccgattcttc	gccctacact	tcctcctacc	attcctaata	gcagggtc	180
ccttaattcca	cctcaccttc	ctacatgaat	cagggtcaaa	caaccccta	ggaatcacat	240
caaactgcga	taaaatccca	ttccatccct	attactctct	caaagacctc	ctaggattca	300
tactcatata	cctcccccta	ataaccttag	ccctattcac	tcccaacctc	ctaggagacc	360
cagaaaactt	tacaccagca	aatcccttag	tcaccccc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcttacgcc	atcctacgct	caatccccaa	caaactaggt	gg	472

<210> 201

<211> 472

<212> DNA

<213> *Falco verpertinus*

<400> 201

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tcccatacat	cggccaaacc	ctagtcgaat	gggcctgagg	aggattttca	gtagataacc	120
caacactaac	ccgattcttc	gccctacact	ttctcctacc	attcctaata	gcagggtc	180
ccctaattca	cctcaccttc	ctacacgaat	cagggtcaaa	caaccccta	ggaatcacat	240
caaactgcga	caaaatccca	ttccatccct	actactctct	aaaagacctt	ttaggagtc	300
tactcatata	cctcccccta	ataaccttag	ccctattttac	cccaaactta	ctaggagacc	360
cagaaaactt	cacaccagca	aaccccttag	tcacaccccc	acacatcaaa	ccagaatgat	420
acttcctatt	tgcttacgcc	atcctacgct	caatccccaa	caaactgggt	gg	472

<210> 202

<211> 472

<212> DNA

<213> *Falco peregrinus*

<400> 202

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tcccatacat	cggccaaacc	ctagtcgaa	gagcttgagg	gggattttca	gtagacaacc	120
caacactgac	ccgattcttc	gccctacact	tcctacttcc	attcctaate	gcaggactca	180
ccctaatacca	cctcaccttc	ctacatgaat	caggctcaaa	taaccccccta	ggaatcacat	240
caaattgcca	caaaatccca	ttccacccat	actactctct	caaagatatc	ctaggattta	300
tactcatata	cctgccccta	ataaccctag	ccctattttac	cccaaacctg	ctaggagacc	360
cagaaaactt	tacaccagca	aatcccttag	tcaccccccc	acacatcaaa	ccagaatgat	420
acttcctatt	tgcttacgcc	atcctacgct	caatccccaa	taaactgggc	gg	472

<210> 203

<211> 472

<212> DNA

<213> *Falco sparverius*

<400> 203

taccctgagg	acaaatgtca	ttctgaggag	ccacagtc	taccaaccta	ttctcagcaa	60
tcccatacat	cggccaaacc	ctagtcgaa	gggcctgagg	aggatttctca	gtagacaacc	120
caacactaac	ccgcttcttc	gccctacact	tcctcctacc	attcctaate	gcagggtcta	180
ccctaatacca	cctcaccttc	ctacatgaat	cagggttcaa	caaccccccta	ggagtcacat	240
caaactgtga	caaaatccca	ttccacccct	actactctct	caaagacctc	ctaggtttta	300
tgctcactat	cctgccccta	atagccctag	ccctatttcac	cccaaacctg	ctaggagacc	360
cagaaaactt	cacaccagcg	aaccccttag	tcacccccacc	acacatcaaa	ccagaatgat	420
acttcctatt	tgcttacgct	attctacgct	caattcccaa	caaattaggc	gg	472

<210> 204

<211> 472

<212> DNA

<213> *Aythya americana*

<400> 204

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caaccctaac	tcgattcttc	gccatccact	tcctactacc	cttcctaate	gcagggaatca	180
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tcctcatgct	caccccccta	atagcactag	ccctatttctc	accaaacctc	ctaggagacc	360
cagaaaactt	taccccagca	aaccactag	taaccccacc	ccacatcaaa	ccagaatgat	420
acttcctatt	cgcctacgcc	atcctgcgat	caatccccgaa	taaactaggaa	gg	472

<210> 205

<211> 472

<212> DNA

<213> *Smithornis sharpei*

<400> 205

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ttccatacat	cggacaaacc	ctagtagaat	gagcttgggg	aggattttca	gtagacaacc	120
ccacccttac	ccgattcttc	tcccttcaact	tcctcctccc	atttatcatc	gcaagcctga	180
cactcatcca	tctcaccttc	ctccatgaaa	cagggttcaaa	caaccctcta	ggtatctcat	240
ctaactccga	taaaatccca	ttccacccat	acttctccat	aaaagacatt	ctaggctttg	300
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cagaaaattt	cacaccgccc	aactccctcg	tcactccccc	tcatatcaaa	cccgaatgat	420
attttttatt	tgcatacgct	attctgcgat	caattccaaa	caaactagga	gg	472

<210> 206

<211> 472

<212> DNA

<213> *Vidua chalybeata*

<400> 206

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caacactcac	ccgattcttc	gccctacact	tccttctacc	cttcgtcatt	gcaggactca	180
ctctagtcca	cctcacattc	ctacacgaaa	caggatcaaa	caatccaata	ggaattccat	240
cagactgtga	caaaattcca	ttccacccat	actacaccac	aaaggacatc	ctaggcttcg	300
tactaatatt	cgcactcccta	gcttccatag	ccctattctc	cccaaacata	ctaggagatc	360
cagaaaactt	cactccggcc	aacccccctaa	tcacaccacc	acatatcaaa	cccgaatgat	420
acttcttatt	cgcctacgcc	atcctacgat	ccatcccaaa	caaactagga	gg	472

<210> 207

<211> 472

<212> DNA

<213> *Chrysemys picta*

<400> 207

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caaccttaac	ccgatttttt	acccttcaact	tccttctacc	atttacaatc	atagggtctaa	180
caatagtaca	cctacttttt	ctacatgaaa	ctggatcaaa	caaccaaca	ggattaaact	240
caaacactga	caaaatccca	ttccaccctt	atttctcata	taaagacctt	ttaggcgtca	300
ttctaatact	aacctccta	ctaaccctaa	cactattctc	tccaaacctt	ttaggggacc	360
cagataactt	cacaccggcc	aacccccctat	ctaccccacc	acatattaaa	ccagaatgat	420
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<210> 208

<211> 472

<212> DNA

<213> *Emys orbicularis*

<400> 208

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caaccctaac	ccgattcttc	actttccatt	tcttactgcc	atttaccatt	ataggcctaa	180

caatagtaca	cctactcttc	ctacacgaaa	ccggatcaaa	caatccaaca	ggattaaact	240
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tcctaatact	agccttcctg	ctaaccctaa	cactattctc	tcctaaccct	ctaggagacc	360
cagataactt	tacaccagct	aaccgcgtat	ccacccacc	acatattaag	ccagagtgat	420
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<210> 209

<211> 472

<212> DNA

<213> *Chelonia mydas*

<400> 209

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caaccctaac	ccgattcttc	accttccact	tcctattacc	atttgccatt	accggcctta	180
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cagacaactt	cacaccagcc	aaccctctat	ccactcctcc	ccacatcaaa	ccagaatgat	420
acttcctatt	tgcctacgca	atcctacgat	caatcccaaa	caaactaggc	gg	472

<210> 210

<211> 472

<212> DNA

<213> *Eumeces egregius*

<400> 210

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caaccctcac	ccgatttttc	acattccact	tccttctgcc	attcgctatt	ataggggcct	180
caataattca	cctactatct	cttcacgaaa	caggatcaaa	taacccaacc	ggactaaatt	240
ctagcacaga	taaggtgcca	ttccacccat	attacacata	caaagacctt	cttgggtttca	300
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cagaaaattt	taccccagca	aaccccttgg	taacaccccc	acatattaag	ccagagtgat	420
acttcctatt	tgcctacgcc	atcctacgct	ctattccaaa	caaactaggc	gg	472

<210> 211

<211> 472

<212> DNA

<213> *Antelope cervicapra*

<400> 211

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tcccatacat	cgggtacaaac	ctagtagaat	gaatctgagg	agggtttctca	gtagataaaag	120
caacccttac	ccgatttttc	gccttccact	ttatcctccc	atttatcatt	gcagccctta	180
ccatagtaca	cctactgttt	ctccacgaaa	caggatccaa	caaccccaca	ggaatctcat	240
cagacgcaga	caaaattcca	ttccacccct	actacactat	caaagatatc	ctaggagctc	300
tactattaat	tttaaccctc	atgcttctag	tcctattctc	accggacctg	cttggagacc	360
cagacaacta	tacaccagca	aacccactta	atacaccccc	acatatcaag	cccgaatgat	420
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<210> 212

<211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Universal primer for amplifying a fragment of cytochrome b
 gene of animal species in polymerase chain reaction
 <400> 212
 taccatgagg acaaatatca ttctg 25

<210> 213
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Universal primer for amplifying a fragment of cytochrome b
 gene of animal species in polymerase chain reaction
 <400> 213
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<210> 214
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Primer for amplifying a fragment of cytochrome b
 gene of animal species in polymerase chain reaction
 <400> 214
 tagtagaatg aatctgagga gg 22

<210> 215
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <223> Primer for amplifying a fragment of cytochrome b
 gene of animal species in polymerase chain reaction
 <400> 215

<210> 216

<211> 472

<212> DNA

<213> Aepyceros melampus

<220>

<221> n

<222> 104; 107; 128; 368; 369; 431;

<223> unknown base

<400> 216

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caaccctnac	ccgatttttc	gcyttccact	tcatcyttcc	attcatcatt	gcggcactag	180
ccatagtcca	cctactcttt	cttcacgaaa	caggatctaa	caaccctaca	ggaatcttat	240
cagattcaga	taaaattcca	ttccaccctt	actatactat	traagacatc	ctaggaatcc	300
tattaataat	tctagtccta	atactcctag	tactattcat	acccgaccta	ctaggagacc	360
cagacaanna	catccccgca	aaccctactca	acaccctcc	ccacatcaag	cccgaatggt	420
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<210> 217

<211> 472

<212> DNA

<213> Oreotragus oreotragus

<220>

<221> n

<222> 431

<223> unknown base

<400> 217

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caacccttac	ccgatttctt	gcctttcact	tcattctttcc	atttatcatc	gcagccctag	180
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cagacacaga	caaaatccca	tttcattcctt	attacacaat	caaagatatc	ctaggcgccc	300
tattactaat	tctagcttta	ttactcttag	tattattcac	acctgacctc	cttgagagacc	360
cagataacta	caccccagca	aaccctactca	acactccccc	tcacattaaa	ccagaatggt	420
atttntctatt	ngcatatgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 218

<211> 472

<212> DNA

<213> Addax nasomaculatus

<400> 218

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tcccatatat	cggcacagac	ctggtcgaat	gaatctgagg	aggattctcc	gtagacaaag	120
caacccttac	ccgatttttc	gccttccact	ttattctccc	ctttattatc	gctgcccttg	180
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cagacacaga	caaaatccca	ttccaccctt	actataccat	taaagacatc	ttaggcgccc	300
tactactaat	tctagtccct	atactactag	tattattcac	acccgaccta	cttggagacc	360
cagacaatta	taccccgca	aatccactta	gcacgcccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatatgca	attctacgat	caatcccca	caaactagga	gg	472

<210> 219

<211> 472

<212> DNA

<213> Oryx damah

<400> 219

taccatgagg	acaaatatca	ttttgagggg	caacagttat	cactaacctt	ctctcagcaa	60
tcccatatat	cggcacaaat	ctagtogaat	gaatttgagg	gggattctcc	gtagacaaag	120
caaccctcac	ccgatttttc	gccttccact	ttattctccc	ttttattatc	gctgcccttg	180
ccatagtcca	cctactcttt	ctccacgaaa	caggctccaa	caaccctaca	ggaatcacct	240
cagacacaga	caaaattccg	ttccaccctt	attataccat	taaagatatc	ttaggcgccc	300
tactactaat	cctagccctt	atggttgctag	tattattcgc	acccgaccta	cttggagacc	360
cagataatta	tacaccagca	aatccactta	acacaccccc	tcacatcaaa	cccgaatgat	420
atttcctatt	tgcatatgca	atctttacgat	caatcccca	caaactagga	gg	472

<210> 220

<211> 472

<212> DNA

<213> Hippotragus equinus

<400> 220

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tcccatatat	tggcacaaac	ctagtogaat	gaatctgagg	gggattctcc	gtagacaaag		120
caaccctcac	ccgattcttc	gccttccact	ttattcttcc	ctttatcatc	actgcccttg		180
ccatagtaca	cctactcttt	ctccatgaga	caggctccaa	caacccca	ggaatttgat		240
cagactccga	taaaaccca	ttccaccct	actacaccat	taaagacatt	ctaggcgccc		300
tactactaat	tctagccctc	atactactag	tactattcgc	acccgaccta	cttggagacc		360
cagacaacta	tgccccagca	aacccactca	acacggcccc	tcacattaaa	cccgaatgat		420
atttttttatt	cgcgtacgca	attctacgat	cgatcccca	taagctggga	gg		472

<210> 221

<211> 472

<212> DNA

<213> Alcelaphus buselaphus

<400> 221

tgccatgagg	acaaatatca	ttctgagggg	caacagtc	catcacca	atctc	ctctcagcaa	60
tcccatatat	tggcacagac	ctagtagaat	gaatctgagg	gggattctca	gtagacaaag		120
caacccttac	ccgatttttc	gccttccact	tcattcttcc	attcatcatt	gcagcccttg		180
ccatagttca	cctcttattc	ctccacgaaa	caggatctaa	caacccca	ggaatctcat		240

cagacgcaga	taaaatccca	ttccaccct	actatacaat	caaggacatt	ctaggcgccc	300
tattactaat	cctagccctc	atactactag	tactattcgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccccgcg	aaccactta	acacaccccc	tcacatcaag	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 222

<211> 472

<212> DNA

<213> *Sigmoceros lichtensteinii*

<400> 222

tgccatgagg	acaaatatca	ttctgagggg	caacagtcatt	caccaatctc	ctctcagcaa	60
tcccatatat	tggcacagac	ctagtagaat	gaatctgagg	aggattatca	gtagacaaag	120
caacccttac	ccgatttttt	gccttccact	tcattctccc	attcatcatt	gcagcccttg	180
ccatagttca	cctcttattc	ctccacgaaa	caggatctaa	caaccccaca	ggaatctcgt	240
cagacgcaga	taaaatccca	ttccaccct	actatacaat	caaggacatt	ctaggcgccc	300
tattactaat	tctagccctc	atactactag	tactattcgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccccgcg	aaccactta	acacaccccc	tcacatcaag	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 223

<211> 472

<212> DNA

<213> *Beatragus hunteri*

<400> 223

tgccatgagg	acaaatatca	ttctgaggag	caacagtcatt	caccaacctc	ctctcagcaa	60
ttccatatat	tggtagaaac	ctagtcgaat	gaatctgagg	aggcttctca	gtagacaaag	120
caaccctcac	ccgatttttt	gccttccact	ttattctccc	atttatcatt	acagcccttg	180
ccatagtcca	cctcttattt	ctccacgaaa	caggatctaa	caaccccaca	ggaatctcgt	240
cagatgcaga	taaaattcca	ttccaccct	actacacat	caaagacatc	ctaggcgccc	300
tactactaat	tctagccctc	atattactag	tactatttgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccccgca	aaccactta	atacaccccc	tcacatcaaa	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 224

<211> 472

<212> DNA

<213> *Damaliscus lunatus*

<400> 224

tgccatgagg	acaaatatca	ttctgaggag	caacagtcatt	cactaacctc	ctctcagcaa	60
ttccatacat	cggcacaaat	ctagtcgaat	ggatctgagg	gggcttctca	gtagacaaag	120
ccaccctcac	ccgattcttt	gccttccact	tcattctccc	atttatcatc	gtagctcttg	180
ccatagtcca	cctcttattc	ctccatgaaa	caggatctaa	caaccccaca	ggaatctcat	240
cagatgcgga	caaaatcccg	tttcaccct	actacactat	caaagacgcc	ctaggggccc	300
tactactaat	tctagccctc	atactactag	tactatttgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccttgca	aaccactca	acacgcccc	tcacatcaag	cccgaatgat	420
atttcctatt	cgcatacgca	atcctacgtt	cgatccccaa	cgagctagga	gg	472

<210> 225

<211> 472

<212> DNA

<213> *Connochaetes taurinus*

<400> 225

taccatgagg	acaaatatcc	ttttgaggag	caacagtcac	caccaacctc	ctctcagcaa	60
tcccatacat	tggcactaac	ctagtcgaat	gaatctgagg	gggattctca	gtagacaaag	120
caacccttac	ccgatttttc	gccttccact	tcattcctcc	atztatcatc	acagcccttg	180
ctatagtcca	tctcctattc	ctccacgaaa	caggatctaa	caatcccaca	ggaatttcat	240
ccgacaccga	taaaatccca	ttccccccct	attacaccat	caaagacatc	ctaggcgctc	300
tattactaat	tctagcccta	atactactag	tactattcgc	gcccgattta	cttgagagacc	360
cagacaacta	cacccccgca	aatccactca	acacaccccc	tcacatcaag	cccgaatgat	420
acttcctatt	tgcatacgca	atcctacgat	caatccccaa	cggactagga	gg	472

<210> 226

<211> 472

<212> DNA

<213> *Bison bonasus*

<220>

<221> n

<222> 437

<223> unknown base

<400> 226

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caacccttac	ccgatttttc	gctttccact	ttatcctccc	atztattatc	atagcaattg	180
ccatagttca	cctactattc	ctccacgaaa	cagggttctaa	caatccaaca	ggaatttcct	240
cagacacaga	caaaattcca	ttccaccctt	actataccat	taaagacatc	ctaggagcct	300
tattactaat	tctaactcta	atactactag	tactattcgc	accggacctc	ctcggagacc	360
cagataacta	caccccagca	aatccactta	acacacctcc	ccacatcaaa	cccgaatgat	420
acttcttatt	tgcatangca	attttacggt	caatccccaa	caaactagga	gg	472

<210> 227

<211> 472

<212> DNA

<213> *Bos grunniens*

<400> 227

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ttccatacat	cggcacaaat	ttagtcgaat	ggatttgagg	tgggttctca	gtagacaaag	120
caaccctcac	ccgattcttc	gctttccact	ttatcctccc	atztattatt	acagcaattg	180
ccatagtcca	cctactattc	ctccacgaaa	cagggtccaa	caatccaaca	ggaatttcct	240
cagacgcaga	caaaattcca	tttcaccctt	actataccat	taaagacatc	ttaggagcct	300
tattactaat	tctagcccta	atacttctgg	tactattcac	acccgacctc	ctcggagacc	360
cagacaacta	caccccagca	aatccactca	acacacctcc	ccacatcaaa	cccgaatgat	420
acttcttatt	tgcatacgca	attttacgat	caatccccaa	taaactagga	gg	472

<210> 228

<211> 472

<212> DNA

<213> *Bos tragocamelus*

<400> 228

taccatgagg	acaaatatca	ttttgaggag	caacagttat	taccaatcta	ttatcagcaa	60
tcccatacat	cggcacaaac	ctagttgaat	gaatctgagg	cgggttctca	gtagacaaag	120
caaccctaac	cggattcttc	gctttccact	ttatcctccc	attcatcatt	gcagccctcg	180
caataatcca	tctactcttc	ctccatgaaa	caggggtctaa	caatccaaca	ggaatttcat	240
cagacgcaga	taaaatccca	tttcacccct	actacactat	taaagacatt	ctaggagccc	300
tactacttat	tctagcccta	ataatactag	tactattcgc	acccgacctc	ctcggagacc	360
cagacaacta	caccccagca	aaccactta	gcacacctcc	ccatattaag	cccgaatggt	420
atttcctggt	cgcatacgca	attctacgat	caatccccaa	caaactagga	gg	472

<210> 229

<211> 472

<212> DNA

<213> *Bubalus bubalis*

<400> 229

tgccatgagg	acaaatatca	ttctgagggg	caacagtcac	caccaacctt	ctctcagcaa	60
tcccatacat	tggtagaagt	ctggttgaat	gaatttgagg	gggattctca	gtagacaaag	120
caaccctcac	cggattcttc	gcatttcact	tcctcctccc	attcattatc	gcaggacttg	180
caatagtcca	cctattatct	ctccacgaaa	caggatccaa	caacccaaca	ggaatctcat	240
cagacacaga	caaaatccca	ttccacccct	attacaccat	taaagacatc	ctaggcgccc	300
tactattaat	cctagcccta	atactattag	tactattcgc	acccgacctc	ctcggggacc	360
cagacaacta	caccccagca	aaccactca	acacacctcc	ccacatcaag	cctgaatggt	420
acttcctatt	cgcatacgca	atcttacgat	caatttcctaa	caaactagga	gg	472

<210> 230

<211> 472

<212> DNA

<213> *Bubalus mindorensis*

<400> 230

tgccatgagg	acaaatatca	ttctgaggag	caacagtcac	caccaacctt	ctctcagcaa	60
tcccatacat	tggcacaaac	ctagttgagt	gaatttgagg	gggattctca	gtagacaaag	120
caaccctcac	cggattcttc	gcatttcact	tcctcctccc	attcattatc	gcagcacttg	180
caatagtcca	cctattatct	ctccacgaaa	caggatccaa	caacccaaca	ggaatctcat	240
cagacacaga	caaaatccca	ttccacccct	actacaccat	taaagacatt	ctaggcgccc	300
tgctattaat	cctagcccta	atactattag	tactattcac	acccgacctc	ctcggggacc	360
cagacaacta	caccccagca	aaccactca	acacacctcc	ccatatcaaa	cctgaatggt	420
acttcctatt	cgcatacgca	atcttacgat	cagtttcctaa	caaactagga	gg	472

<210> 231

<211> 472

<212> DNA

<213> *Tragelaphus angasii*

<400> 231

tgccatgagg	acaaatatca	ttctgaggag	caacgggtcat	cacaaacctc	ctatcagcaa	60
tcccatatat	tggcaccaac	ctagttgaat	gaatctgagg	aggcttctcg	gtagacaagg	120
caaccctaac	ccgatttttc	gccttccact	tcatacctccc	gtttattatt	acagcgctgg	180
ttatgggtcca	cctattattc	ctccatgaaa	caggatccaa	caacccaaca	ggaatctcat	240
cagacataga	caaaattcca	ttccaccctt	attacactat	caaggacatc	ctaggcgccc	300
tactattaat	cctagcccta	atagtactag	tactattcac	acctgacctc	ctcggagacc	360
ccgacaacta	caccccagcg	aacccctca	atacacctcc	ccatatcaaa	cctgaatgat	420
atttcctggt	cgcatatgca	atcctacgat	ctatccccaa	caagctagga	gg	472

<210> 232

<211> 472

<212> DNA

<213> *Tragelaphus eurycerus*

<400> 232

taccatgagg	acaaatatca	ttttgaggag	caacagtcac	cacaaacctt	ctatcagcaa	60
tcccttatat	tggcaccagc	ctagtcgaat	gaatctgagg	gggcttttca	gtagacaaag	120
caaccttaac	ccgattcttc	gccttccact	ttatccttcc	atttattatt	acagcactag	180
ccatggtaca	cctactattc	ctccacgaaa	caggatccaa	caacccaaca	ggratctcat	240
craacataga	caaaattcca	tttcaccctt	actacactat	taaggacatc	ctaggtgccc	300
tactgctaata	cctaactcta	atactcctag	tactattcgc	acccgacctt	ctcggagacc	360
ccgacaacta	caccccagca	aacccactca	acacaccacc	tcatatcaaa	cctgaatgat	420
acttcctatt	cgcatatgca	atcctacgat	caatccctaa	taaactagga	gg	472

<210> 233

<211> 472

<212> DNA

<213> *Nemorhaedus caudatus*

<400> 233

taccatgagg	acagatatca	ttctgagggg	caacagttat	taccaatctt	ctctcagcaa	60
tcccatatat	tggcacaaac	ctagtcgaat	gaatctgagg	gggatttctca	gtagacaaag	120
ctactctcac	ccgattcttc	gccttccact	tcatacctccc	atttatcatt	acagctactg	180
ctatagtcca	cctacttttc	ctccatgaga	taggatccaa	caaccccaca	ggtatcccat	240
cagacataga	caaaatccca	tttcaccctt	attatacaat	caaagatatt	ctaggcgcta	300
tactactaat	cctcaccctt	atcttactgg	tattattcac	acctgactta	cttggagatc	360
cagacaacta	taccccagca	aacccactca	gcacaccccc	tcacattaaa	cctgaatgat	420
atttcctatt	tgcatatgca	atcttacgat	caatccccaa	taaactaggc	gg	472

<210> 234

<211> 472

<212> DNA

<213> *Pseudois nayaur*

<400> 234

tgccatgagg	acaaatatca	ttttgagggg	caacagtcac	caccaacctt	ctctcagcaa	60
tcccttatat	tggcacaaat	ctagtcgaat	ggatctgagg	gggatttctca	gtagacaagg	120
ccactctcac	ccgattcttc	gccttccact	tcatacctccc	atttattatt	atagccctcg	180
ccatagtcca	cctacttttc	ctccacgaaa	caggatctaa	caaccccaca	ggaatcccat	240
cagacacaga	caaaatccca	ttccaccctt	actacaccat	taaagatatt	ctaggcgctg	300

cactgcta	at	ctcgcctg	atattactag	tattat	acccgaccta	ctcggagacc	360
cagaca	acta	cacccagca	aaccactca	acacacccc	tcacattaaa	cccgagtgat	420
acttcctatt	tgcat	acgca	atcctacgat	caattcccaa	caagctagga	gg	472

<210> 235

<211> 472

<212> DNA

<213> *Ammotragus lervia*

<400> 235

tgccatgagg	acagatatca	ttctgagggg	caacagtc	cat	caccaac	ctctcagcaa	60
tcccatacat	tggcacagac	ctggtcgaat	gaatctgagg	gggattctca	gtagacaaaag		120
ctactctcac	ccgattcttc	gccttccact	tcatcctccc	atttgtaatc	gcagccctag		180
ccatagtcca	cttacttttc	ctccatgaaa	cgggatccaa	caaccccaca	ggaatttcat		240
cagacgcaga	caaaatccca	ttccaccctt	actacaccat	caaagatatt	ctaggcgcca		300
tgctactaat	cctcacccctc	acactactag	tactat	ttac	acccgatcta	ctcggggacc	360
cagacaacta	tacccagca	aatccactca	acacacccc	tcatattaaa	cctgaatgat		420
acttcctatt	tgcat	acgca	atcctacgat	caatccctaa	taaactggga	gg	472

<210> 236

<211> 472

<212> DNA

<213> *Capra falconeri*

<400> 236

taccatgagg	acaaatatca	ttctgagggg	caacagtc	cat	caccaatctc	ctctcagcaa	60
tcccatacat	tggcacaaaac	ctagtcgaat	gaatctgagg	aggattctca	gtagataaaag		120
ccaccctcac	ccgattcttc	gccttccact	ttatcctccc	attcatcatt	gcagccctcg		180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caatcccaca	ggaattccat		240
cagacacaga	caaaatccca	tttcaccctt	actacaccat	taaagatatc	ctaggcgcca		300
tactactaat	tctcgcctg	atgctactag	tactattcac	acctgaccta	ctcggagacc		360
cagataacta	tatcccagca	aatccactca	atacacccc	tcatatcaaa	cctgagtggg		420
acttcctatt	tgcat	acgca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 237

<211> 472

<212> DNA

<213> *Capra ibex*

<400> 237

taccatgagg	acaaatatca	ttctgagggg	caacagtc	cat	cactaac	ctctcagcaa	60
tcccatacat	tggcacaaaac	ctagtcgaat	gaatctgagg	gggattctca	gtagacaaaag		120
ccactctcac	ccgattcttc	gccttccact	tcatcctccc	attcatcatt	acagccctcg		180
ccatagtcca	cctgctcttc	ctccacgaaa	cgggatccaa	caaccccaca	ggaattccat		240
cagacacaga	caaaatccca	ttccaccctt	actacaccat	taaagatatc	ttaggcgcca		300
tgctactaat	tcttgctcta	atattactag	tactattcac	acccgaccta	ctcggggacc		360
cagacaacta	tacccagca	aaccactca	atacacccc	tcacattaaa	cctgaatgat		420
atttcctatt	tgcat	acgca	atcctacgat	caattcccaa	caaactaggg	gg	472

<210> 238

<211> 472

<212> DNA

<213> *Hemitragus jemlahicus*

<400> 238

taccatgagg	acagatatca	ttctgagggg	caacagtc	catcaccaac	ctctcagcaa	60
ttccatatat	cggcacaaac	ctagtcgaat	gaatctgagg	aggattctca	gtagacaaag	120
ctaccctaac	cggattcttc	gctttccact	tcattctccc	attcatcatt	gcagccctcg	180
ccatagtcca	cctgctcttc	ctccacgaaa	caggggtccaa	caaccccaca	gggattccat	240
cagatacaga	caaaatccca	tttcaccctt	actacacccat	taaagatatt	ttaggcgcca	300
tactactaat	tcttgtccta	atattactag	tactatttat	acccgaccta	cttggagacc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacattaaa	cctgaatgat	420
attttctatt	tgcatacgcg	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 239

<211> 472

<212> DNA

<213> *Rupicapra pyrenaica*

<400> 239

taccatgagg	acagatatca	ttctgaggag	caacagttat	taccaatctc	ctctcagcaa	60
tcccatacat	tggcatagac	ttagtcgagt	gaatctgagg	gggcttctcg	gtagacaaag	120
ctaccctcac	cggattcttt	gcctttcact	tcattctccc	attcatcatt	gcagccttag	180
ccatagtcca	cctactcttc	ctccatgaaa	caggatcaaaa	caaccccaca	ggaatcccat	240
cagatgcgga	traaatccca	tttcaccctt	actataccat	taaagacatt	ctaggcgcca	300
tactactaat	cctcaccctt	atactactgg	tactatttac	acctgaccta	ctcggagacc	360
cagataacta	taccccagcg	aacccactca	acacaccccc	tcacatcaaa	cccgaatgat	420
atttcttgtt	tgcatatgcg	atcctacgat	caattcccaa	caaacttgga	gg	472

<210> 240

<211> 472

<212> DNA

<213> *Rupicapra rupicapra*

<220>

<221> n

<222> 263; 338;

<223> unknown base

<400> 240

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ctaccctcac	cggattcttt	gcctttcact	tcattctccc	atttatcatt	gcagccttag	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatctaa	caaccccaca	ggaatcccat	240
cagatgcgga	caaaatccca	tttnaccctt	attataccat	caaagacatt	ctgggcgcca	300
tactactaat	cctcaccctc	atactactag	tactattnac	acctgaccta	ctcggagacc	360
cagataatta	caccccagcg	aacccactca	acacaccccc	tcacattaaa	cccgaatgat	420
atttcttatt	tgcatatgca	attctacgat	caatccccaa	caaacttgga	gg	472

<210> 241

<211> 472

<212> DNA

<213> *Pantholops hodgsoni*

<400> 241

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tcccatacat	tggcacagac	ctagtctgaat	gaatctgagg	gggattctca	gtagacaaag	120
ctacccttac	ccgattcttt	gcctttccatt	tcattctccc	attcatcatc	gcagccctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaattccat	240
cagatgcaga	caaaatccca	tttcacccct	actataccat	taaagacatc	ctaggcgcta	300
tactactaat	cctaatectc	atattactag	tactattttc	acccgaccta	ctcggagacc	360
cagacaatta	taccccagca	aaccccctca	acacaccacc	ccacattaaa	cctgaatggt	420
actttctatt	tgcatacgca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 242

<211> 472

<212> DNA

<213> *Budorcas taxicolor taxicolor*

<400> 242

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cagataatta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
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<210> 243

<211> 472

<212> DNA

<213> *Ovis ammon*

<400> 243

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cagacaacta	caccccagca	aacccactta	acactccccc	tcacatcaaa	cctgaatgat	420
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<220>

<221> n

<222> 264 - 278

<223> unknown base

<210> 244

<211> 472

<212> DNA

<213> *Ovis vignei*

<400> 244

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tcctactaat	cctcatcctc	atgctgctag	tactattcac	gcctgactta	cttgagagacc	360
cagacaacta	caccccagca	aacccactta	acactccccc	tcacatcaaa	cctgaatgat	420
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<210> 245

<211> 472

<212> DNA

<213> *Capcornis crispus*

<400> 245

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ccaccctcac	ccgattcttt	gcctttccatt	tcattctccc	attcatcatc	acagccctcg	180
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cagacaacta	cactccagca	aacccactca	acacaccccc	tcacatcaag	cccagatgat	420
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<210> 246

<211> 472

<212> DNA

<213> *Ovibos moschatus*

<400> 246

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cagacaacta	taccccagca	aacccactca	acacaccccc	tcacattaaa	ccagatgat	420
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<210> 247

<211> 472

<212> DNA

<213> *Oreamnos americanus*

<400> 247

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cagacaacta	caccccagca	aaccactta	acactcccc	tcacatcaaa	cctgaatgat	420
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<210> 248

<211> 472

<212> DNA

<213> *Cephalophus dorsalis*

<400> 248

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cagataacta	caccccagca	aaccactca	acacacctcc	ccatattaaa	cccgaatgat	420
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<210> 249

<211> 472

<212> DNA

<213> *Cephalophus maxwellii*

<400> 249

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<211> 472

<212> DNA

<213> *Alces alces*

<400> 250

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<210> 251

<211> 472

<212> DNA

<213> *Hydropotes inermis*

<400> 251

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cagacaatta	tactccagca	aacccactca	atacaccccc	tcacattaaa	ccagaatgat	420
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<210> 252

<211> 472

<212> DNA

<213> *Muntiacus muntjak*

<400> 252

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<210> 253

<211> 472

<212> DNA

<213> *Cervus elaphus kansuensis*

<400> 253

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tacttctagt	actcttcccta	atattactag	tattattcgc	accagacctg	cttggagacc	360
cagacaacta	tacccagca	aatccactca	atacaccccc	tcacattaaa	cctgaatgat	420
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<210> 254

<211> 472

<212> DNA

<213> *Cervus elaphus xanthopygus*

<400> 254

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tacttctagt	actcttccta	atattactag	tattattcgc	accagacctg	cttggagacc	360
cagacaacta	taccccgaca	aatccactca	acacaccccc	tcacattaaa	cctgaatgat	420
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1

<210> 255

<211> 472

<212> DNA

<213> *Cervus elaphus canadensis*

<400> 255

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atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Sunil Kumar VERMA, et al

Serial No.: 09/821,782

Group No.:

Filed: March 29, 2001

Examiner:

For: UNIVERSAL PRIMERS FOR WILDLIFE IDENTIFICATION

Attorney Docket No.: U 013365-9

**Assistant Commissioner for Patents
Washington, DC 20231**

AMENDMENT

IN THE SPECIFICATION:

In response to the Official Communication of January 2, 2002, please amend the application as follows:

IN THE SPECIFICATION:

Page 326, after last line of Table 12 rewrite the Sequence Listing as follows:

CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner of Patents and Trademarks, Washington, DC 20231

CLIFFORD J. MASS

(Type or print name of person mailing paper)

Date: April 2, 2002

(Signature of person mailing paper)

Sequence Listing

<110> Kumar Verma, Sunil
Singh, Lalji

<120> UNIVERSAL PRIMERS FOR WILDLIFE IDENTIFICATION

<130> U-013365-9

<140> 09/821782

<141> 2001-03-29

<160> 255

<210> 1

<211> 25

<212> DNA

<213> Artificial Sequence

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<210> 2

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer "mcb 869" for amplifying fragment of cytochrome b gene
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26

<210> 3

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> primer "AFF" for amplifying fragment of cytochrome b gene of
animal species

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23

<210> 4

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> primer "AFR" for amplifying fragment of cytochrome b gene of animal species

<400> 4

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23

<210> 5

<211> 328

<212> DNA

<213> adil.flesh

<220>

<223> DNA sequence generated from the confiscated skin of unknown animal origin using primers mcb398 and mcb869

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tactacacaa	tcaaagatat	cctgggcctt	ctagtactaa	tcctagcact	catactactc	240
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<210> 6

<211> 328

<212> DNA

<213> bhz25t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<400> 6

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tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaact	catactactc	240
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<210> 7

<211> 328

<212> DNA

<213> bhz26t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 2 using primers mcb398 and mcb869

<400> 7

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aacaccctc	cccatatcaa	gcgcgaat				328

<210> 8

<211> 328

<212> DNA

<213> bhz30t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 3 using primers mcb398 and mcb869

<400> 8

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tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
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<210> 9

<211> 328

<212> DNA

<213> bhz45t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 4 using primers mcb398 and mcb869

<400> 9

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<210> 10

<211> 328

<212> DNA

<213> bhz56t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 5 using primers mcb398 and mcb869

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<210> 11

<211> 328

<212> DNA

<213> bhz63t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 6 using primers mcb398 and mcb869

<400> 11

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<210> 12

<211> 328

<212> DNA

<213> bhz20wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<400> 12

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<210> 13

<211> 328

<212> DNA

<213> bhz22wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris* tigris) animal number 2 using primers mcb398 and mcb869

<400> 13

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tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
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<210> 14

<211> 328

<212> DNA

<213> bhz23wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris* tigris) animal number 3 using primers mcb398 and mcb869

<400> 14

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgcttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccacca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 15

<211> 328

<212> DNA

<213> bhz28wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris* tigris) animal number 4 using primers mcb398 and mcb869

<400> 15

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtcc	acctcctatt	cctccatgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attaggggac	cccgataact	acatccccgc	caaccctcta	300
aacaccctc	cccatatcaa	gcgcgaat				328

<210> 16

<211> 328

<212> DNA

<213> gz1L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 1 using primers mcb398 and mcb869

<400> 16

tgaatctgag	gaggcttctc	agtagacaaa	gctaccttga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagctcta	gcagcagtcc	acctcctatt	ccttcacgag	120
acaggatcta	acaaccctc	aggaatagta	tccgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagatat	cctgggcctt	ctagtactaa	tcctagcact	catactactc	240
gtcctattct	caccagacct	gttagggagac	cccgataact	acatccctgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 17

<211> 328

<212> DNA

<213> gz2L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 2 using primers mcb398 and mcb869

<400> 17

tgaatctgag	gaggcttctc	agtagacaaa	gctaccttga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagctcta	gcagcagtcc	acctcctatt	ccttcacgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tccttagcact	catactactc	240
gtcctattct	caccagacct	gttgggagac	cccgataact	acatccccgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 18

<211> 328

<212> DNA

<213> gz3L

<220>

<223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 3 using primers mcb398 and mcb869

<400> 18

tgaatctgag	gaggcttctc	agtagacaaa	gtacacctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagctcta	gcagcagtc	acctcctatt	ccttcacgag	120
acaggatcta	acaaccctc	aggaatagta	tctgactcag	acaaaattcc	attccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcttagcact	catactactc	240
gtcctattct	caccagacct	gttgggagac	cccgataact	acatccccgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 19

<211> 328

<212> DNA

<213> gz21CL

<220>

<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 1 using primers mcb398 and mcb869

<400> 19

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattttt	cgcttccac	60
ttcatcctcc	catttatcat	ctcagcctta	gcagcagttc	accttctatt	tctccatgaa	120
acaggatcca	ataaccctc	aggaatggta	tccgattcag	acaaaatccc	gttccaccgc	180
tactatacaa	tcaaagatat	cctaggcctc	ctagttctaa	ttctagcgct	cacactactt	240
gttctattct	cccagacct	actaggagac	cctgacaatt	acactcccgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 20

<211> 328

<212> DNA

<213> gz22CL

<220>

<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 2 using primers mcb398 and mcb869

<400> 20

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattttt	cgcttccac	60
ttcatcctcc	catttatcat	ctcagcctta	gcagcagttc	accttctatt	tctccatgaa	120
acaggatcca	ataaccctc	aggaatggta	tccgattcag	acaaaatccc	gttccaccgc	180
tactatacaa	tcaaagatat	cctaggcctc	ctagttctaa	ttctagcgct	cacactactt	240
gttctattct	cccagacct	actaggagac	cctgacaatt	acactcccgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 21

<211> 328

<212> DNA

<213> darz14SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*)
animal number 1 using primers mcb398 and mcb869

<400> 21

tgaatctgag	gaggtcttc	agtacacaaa	gccaccctga	cacgattctt	tgcttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaacccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaact	catactactc	240
gtcctattct	caccagacct	attaggggac	gccgataact	acatccccgc	caaccctcta	300
aacacccctc	cccataatcaa	gcccgaat				328

<210> 22

<211> 328

<212> DNA

<213> darz15SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*)
animal number 2 using primers mcb398 and mcb869

<400> 22

tgaatctgag	gaggtcttc	agtacacaaa	gccaccctga	cacgattctt	tgcttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaacccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaact	catactactc	240
gtcctattct	caccagacct	attaggggac	gccgataact	acatccccgc	caaccctcta	300
aacacccctc	cccataatcaa	gcccgaat				328

<210> 23

<211> 328

<212> DNA

<213> darz16SL

<220>

<223> DNA sequence generated from the known snow leopard (*Panthera unica*)
animal number 3 using primers mcb398 and mcb869

<400> 23

tgaatctgag	gaggtcttc	agtacacaaa	gccaccctga	cacgattctt	tgcttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctatt	cctccatgag	120
acaggatcta	acaacccctc	aggaatagta	tctgactcag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtactaa	tcctaact	catactactc	240
gtcctattct	caccagacct	attaggggac	gccgataact	acatccccgc	caaccctcta	300
aacacccctc	cccataatcaa	gcccgaat				328

<210> 24

<211> 328

<212> DNA

<213> sbz22AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 1 using primers mcb398 and mcb869

<400> 24

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctgtt	cctccatgaa	120
acaggatcta	ataaccctc	aggaatggta	tctgactcag	ataaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcttaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	atacccccgc	caatcctcta	300
agcaccctc	cccatatcaa	acctgaat				328

<210> 25

<211> 328

<212> DNA

<213> sbz38AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 2 using primers mcb398 and mcb869

<400> 25

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctgtt	cctccatgaa	120
acaggatcta	ataaccctc	aggaatggta	tctgactcag	ataaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcttaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	atacccccgc	caatcctcta	300
agcaccctc	cccatatcaa	acctgaat				328

<210> 26

<211> 328

<212> DNA

<213> sbz39AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 3 using primers mcb398 and mcb869

<400> 26

tgaatctgag	gaggcttctc	agtagacaaa	gccaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagcccta	gcagcagtc	acctcctgtt	cctccatgaa	120
acaggatcta	ataaccctc	aggaatggta	tctgactcag	ataaaattcc	attccatcca	180
tactatacaa	tcaaagatat	cctaggcctt	ctagtactaa	tcttaacact	catactactc	240
gtcctattct	caccagacct	attaggagat	cccgacaact	atacccccgc	caatcctcta	300
agcaccctc	cccatatcaa	acctgaat				328

<210> 27

<211> 328

<212> DNA

<213> humsk

<220>

<223> DNA sequence generated from the known human (Homo sapiens sapiens) using primers mcb398 and mcb869

<400> 27

tgaatctgag	gaggctactc	agtagacagt	cccaccctca	cacgattctt	tacctttcac	60
ttcatcttgc	ccttcattat	tgagcccta	gcagactcc	acctcctatt	cttgacgaa	120
acgggatcaa	acaacccct	aggaatcacc	tccattccg	ataaaatcat	cttccaccct	180
tactacacaa	tcaaagacgc	cctcggctta	cttctcttcc	ttctctcctt	aatgacatta	240
acactattct	caccagacct	cctaggcgac	ccagacaatt	ataccctagc	caaccctta	300
aacacccctc	cccacatcaa	gcccgaat				328

<210> 28

<211> 328

<212> DNA

<213> chimss

<220>

<223> DNA sequence generated from the known chimpanzee (pan troglodytes) animal using primers mcb398 and mcb869

<400> 28

tgaatctgag	gaggctactc	agtagacagc	cctaccctta	cacgattctt	caccttccac	60
tttatcttac	ccttcattat	cacagcccta	acaacacttc	atctcctatt	cttacacgaa	120
acaggatcaa	ataacccct	gggaatcacc	tccactccg	acaaaattac	cttccacccc	180
tactacacaa	tcaaagatat	ccttggctta	ttccttttcc	tccttatcct	aatgacatta	240
acactattct	caccagacct	cctgggcgat	ccagacaact	ataccctagc	taacccccta	300
aacaccccac	cccacattaa	accgaat				328

<210> 29

<211> 472

<212> DNA

<213> Cervus nippon centralis

<400> 29

taccatgagg	acaaatatca	ttctgaggag	caacagtcac	taccaacctc	ctctcagcaa	60
ttccatata	tggcacaac	ctagtccaat	ggatctgagg	gggcttctca	gtagataaag	120
caaccctaac	cgatttttc	gctttccact	ttattcttcc	atctatcatc	gcagacttg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actacacccat	taaagatatc	ttaggcattc	300
tacttctagt	actcttcccta	atattactag	tattattcgc	accagacctg	cttgagatc	360
cagacaacta	tacccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
acttcttatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 30

<211> 472

<212> DNA

<213> Cervus nippon yesoensis

<400> 30

taccatgagg	acaaatatca	ttctgaggag	caacagtc	taccaacctc	ctctcagcaa	60
ttccatat	tggcacaac	ctagtcgaat	ggatctgagg	gggcttctca	gtagataaag	120
caacccta	ccgatttttc	gctttccact	ttattcttcc	atttatcatc	gcagcacttg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actacacccat	taaagatatc	ttaggcatct	300
tacttctagt	actcttccta	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 31

<211> 472

<212> DNA

<213> Cervus nippon keramae

<400> 31

taccatgagg	acaaatatca	ttctgaggag	caacagtc	taccaacctt	ctctcagcaa	60
ttccatacat	tggcacaac	ctagtcgaat	ggatctgagg	aggcttttca	gtagataaag	120
caacccta	ccgatttttc	gccttccact	ttattcttcc	atttatcatc	acagcactcg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actataccat	taaagatatc	ctaggcatct	300
tacttctagt	actcttcctg	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 32

<211> 472

<212> DNA

<213> Cervus nippon pulchellus

<400> 32

taccatgagg	acaaatatca	ttctgaggag	caacagtc	taccaacctt	ctctcagcaa	60
ttccatacat	tggcacaac	ctagtcgaat	ggatctgagg	aggcttttca	gtagataaag	120
caacccta	ccgatttttc	gccttccact	ttattcttcc	atttatcatc	acagcactcg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatcctt	actataccat	taaagatatc	ctaggcatct	300
tacttctagt	actcttcctg	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 33

<211> 472

<212> DNA

<213> Cervus nippon nippon

<400> 33

taccatgagg	acaaatatca	ttctgaggag	caacagtc	taccaacctc	ctctcagcaa	60
ttccatacat	tggcacaac	ctagtcgaat	ggatctgagg	aggcttttca	gtagataaag	120

caaccctaac	ccgatttttc	gccttccact	ttattcttcc	atttatcatc	acagcactcg	180
ctatagtaca	cttactcttc	cttcacgaga	caggatccaa	caacccaaca	ggaatcccat	240
cggacgcaga	caaaatcccc	ttccatccct	actataccat	taaagatata	ctaggcatct	300
tacttctagt	actcttctcg	atattactag	tattattcgc	accagacctg	cttggagatc	360
cagacaacta	caccccagca	aatccgctca	acacaccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 34

<211> 472

<212> DNA

<213> Cervus elaphus scoticus

<400> 34

taccatgagg	acaaatatca	ttctgaggag	caacagtcac	caccaacctt	ctctcagcaa	60
ttccatatat	tgggacaaaac	ctagtcgaat	ggatctgagg	aggcttttca	gtagacaaaag	120
caaccctaac	ccgatttttc	gctttccact	ttattctccc	atttatcatc	gcagcactcg	180
ctatagtaca	cttactcttc	cttcacgaaa	caggatctaa	taacccaaca	ggaattccat	240
cagacgcaga	caaaatcccc	tttcatccct	attataccat	taaagatata	ttaggcatct	300
tacttcttgt	actcttctta	atattactag	tattattcgc	accagacctc	cttggagatc	360
cagataacta	caccccagca	aaccctactc	acacaccccc	tcatattaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 35

<211> 472

<212> DNA

<213> Cervus dama

<400> 35

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tcccatatat	tgggtacaaaac	ctagttgaat	gaatctgagg	aggcttttca	gtagacaaaag	120
caaccctaac	tcgattcttc	gctttccact	ttattctacc	attcatcatt	gcggcacttg	180
ctatagtaca	tttactcttt	cttcacgaga	caggatccaa	taacccaaca	ggaatcccat	240
cagatgtaga	taaaattccc	tttcatccct	actacacct	taaagatatt	ttaggcatcc	300
tatttctatt	tctcttctta	ataacactag	tactatttgc	accagacttg	cttggagacc	360
cagacaaata	cactccagca	aatccactca	acacacctcc	tcatattaaa	cccgaatgat	420
acttcttatt	tgcatacgca	atcctacgat	caattcccaa	taaattagga	gg	472

<210> 36

<211> 472

<212> DNA

<213> Rangifer tarandus

<400> 36

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ttccatatat	tgggtacaaaat	ctagtcgaat	gaatttgagg	aggattttct	gtagataaaag	120
caaccctaac	ccgatttttt	gcttttccact	ttattcttcc	atttattatc	gcagcactcg	180
ctatagtcca	tttgctttttc	cttcacgaaa	caggggtctaa	caatccaaca	ggaattccat	240
cagactcaga	taaaattcca	ttccatccct	attatactat	caaagacatt	ctaggcatcc	300
tacttctaata	tctcttccct	atactactag	tattatttgc	accagactta	ctaggagacc	360
cagacaacta	taccccagca	aaccctactc	acactcccc	tcatattaaa	cctgaatgat	420
actttctatt	cgcatacgca	atcctacgat	caattccaaa	taaactagga	gg	472

<210> 37

<211> 472

<212> DNA

<213> *Moschus fuscus*

<400> 37

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ttccatacat	tgggtactaat	ctgggttgaat	gaatttgagg	aggcttctca	gtagacaaag	120
caacactcac	tcgattcttt	gcctttcact	tcattctccc	atttatcatc	gcagcactcg	180
ctatgggttca	cctactcttt	ctccacgaaa	caggatccaa	caacccaaca	ggaatcacat	240
cagatataga	caaaatccca	ttccaccctt	actacaccat	caaagacatt	ctaggtgtcc	300
tattactaat	cttagtctta	ataacactag	tactattcac	acctgattta	cttggagacc	360
cggacaatta	taccccagca	aaccatttaa	atagcggccc	acatattaaa	cccgaatgat	420
atttcctatt	tgcatatgcc	attctacgat	caattcccaa	caaactagga	gg	472

<210> 38

<211> 472

<212> DNA

<213> *Moschus leucogaster*

<400> 38

taccttgagg	acaaatatct	ttctgaggag	caacagttat	taccaatctt	ctctcagcaa	60
ttccatacat	tgggtactaat	ctgggttgaat	gaatttgagg	aggcttctca	gtagacaaag	120
caacactcac	tcgattcttt	gcctttcact	tcattctccc	atttatcatc	gcagcactcg	180
ctatgggttca	cctactcttt	ctccacgaaa	caggatccaa	caacccaaca	ggaatcacat	240
cagatataga	caaaatccca	ttccaccctt	actacaccat	caaagacatt	ctaggtgtcc	300
tattactaat	cttagtctta	ataacactag	tactattcac	acctgattta	cttggagacc	360
cggacaatta	taccccagca	aaccatttaa	atacggcccc	acatattaaa	cccgaatgat	420
atttcctatt	tgcatatgcc	attctacgat	caattcccaa	caaactagga	gg	472

<210> 39

<211> 472

<212> DNA

<213> *Moschus chrysogaster*

<400> 39

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caacactcac	tcgattcttt	gcctttcact	tcattctccc	atttatcatc	gcagcactcg	180
ctatgggttca	cctactcttt	ctccacgaaa	caggatccaa	caacccaaca	ggaatcacat	240
cagacataga	caaaatccca	ttccaccctt	actacaccat	caaagacatt	ctaggtgtcc	300
tattactaat	cctagtctta	ataacactag	tactattcac	acctgattta	cttggagacc	360
cggacaatta	taccccggca	aaccatttaa	atagcggccc	acatattaaa	cccgaatgat	420
acttcctatt	tgcatatgcc	atcctacgat	caattcccaa	caaactagga	gg	472

<210> 40

<211> 472

<212> DNA

<213> *Moschus berezovskii*

<400> 40

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caacactcac	cggattcttt	gccttccact	tcctctccc	atttatcatc	gcagcactcg	180
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cagacataga	caaaatccca	ttccacccct	actacactat	caaagacatt	ctaggtgtcc	300
taatactaata	cttagtctta	atagtactag	tactattcac	acccgattta	cttggagacc	360
cggacaatta	tacccagca	aaccattaa	acacaccacc	acataattaaa	cccgaatgat	420
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<210> 41

<211> 472

<212> DNA

<213> Moschus moschiferus

<400> 41

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caacactcac	cggattcttt	gccttccact	ttatctctcc	atttatcatt	gcagcactcg	180
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cagacataga	caaaatccca	ttccacccct	actacacccat	caaagatatt	ctaggtatcc	300
tattactaat	cttaatactta	atagcactag	tgctatttac	acccgaccta	cttggagatc	360
cggacaacta	tactccagca	aaccattaa	atacacctcc	acataattaaa	cccgaatggt	420
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<210> 42

<211> 472

<212> DNA

<213> Kobus ellipsiprymnus

<400> 42

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caacccttac	cggcttcttc	gccttccact	ttattctccc	atttatcatc	gcggctatta	180
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tactactaat	cctagtccca	atactcctag	ttctattcgc	ccccgaccta	cttggagatc	360
ctgacaacta	tgccccagca	aaccactta	acacgcccct	cacaattaaa	cctgaatgat	420
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<210> 43

<211> 472

<212> DNA

<213> Kobus megaceros

<400> 43

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caacccttac	cggcttcttc	gccttccact	ttatctctccc	atttatcatc	gcagctatcg	180
ctatagttca	cctactattc	cttcatgaaa	caggatctaa	caaccctaca	gggatttcat	240
cagacacaga	caaaatccca	ttccacccat	attataccat	caaagatatt	ctaggtgtcc	300

tcctattaat	cctaatacta	atactcctag	tactatttgc	ccccgaccta	cttggagacc	360
ctgacaatta	taccccagca	aaccactta	atacacctcc	ccatattaaa	cccgaatgat	420
atttccttatt	cgcatacgca	attttacggt	caattcctaa	taaactggga	gg	472

<210> 44

<211> 472

<212> DNA

<213> Redunca arundinum

<400> 44

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caacccttac	ccgattcttc	gccttccact	ttatcctccc	attcattatc	acagccctcg	180
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cagatgtaga	caaaatccca	tttcatccat	actatactat	caaggacgtc	ctaggcgccc	300
tactgcta	cctagtccta	atgctcttag	tattattcac	ccctgaccta	ctcggagatc	360
ccgacaatta	tactccagca	aatccactca	acacaccccc	tcatattaaa	cccgaatgat	420
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<210> 45

<211> 472

<212> DNA

<213> Redunca fulvorufula

<220>

<221> n

<222> 269

<223> unknown base

<400> 45

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caaccctcac	tcgattcttc	gccttccact	ttatcctccc	atttatcatc	atagccctcg	180
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cagayatgga	caaaatccca	ttccaccnt	actacaccat	caaagayatt	ctaggtgccc	300
tactactaat	cctggcccta	acactattag	tactattcac	ccctgaccta	ctcggagacc	360
cggacaatta	caccccagca	aaccactca	acacaccccc	tcacatcaaa	ccagaatggt	420
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<210> 46

<211> 472

<212> DNA

<213> Neotragus moschatus

<400> 46

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tcccatacat	cggcacaaac	ctagtcgaat	gaatctgagg	gggtttctca	gtagacaaag	120

caaccctcac	cggatttttt	gccttccact	tcattctccc	atztatcatc	gcagcactcg	180
ccatagtcca	cttactcttc	ctacacgaaa	caggatccaa	caaccccaca	ggaatctcat	240
cagacgcaga	caaaatccca	ttccacccct	actacaccat	taaagacatt	ctaggcgcca	300
tcctactaat	tctagtgcct	acactcttag	ttttatttgc	acctgacctt	ttaggagacc	360
cagacaacta	cacccccgca	aaccctctta	acacgcctcc	ccatatcaaa	cccgaatgat	420
actttttatt	cgcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 47

<211> 472

<212> DNA

<213> *Pelea capreolus*

<400> 47

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caaccctcac	cggatttttt	gctttccact	ttattctccc	atztatcatt	gcagccctca	180
ccatagtaca	cttgcttttt	cttcatgaaa	caggatctaa	taaccccacg	ggaattccat	240
cggacataga	caaaattcca	ttccacccat	actacaccat	taaagatatt	ctaggcgctt	300
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ctgacaatta	cacccctgca	aaccgcctca	acacaccccc	tcatatcaaa	cccgaatgat	420
atttcctatt	tgcatacgcg	attctacgat	caattcccaa	caaactagga	gg	472

<210> 48

<211> 472

<212> DNA

<213> *Antilope cervicapra*

<400> 48

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caacccttac	cggatttttt	gccttccact	ttatctctcc	atztatcatt	gcagccctta	180
ccatagtaca	cctaactgtt	ctccacgaaa	caggatccaa	caaccccaca	ggaatctcat	240
cagacgcaga	caaaattcca	ttccacccct	actacactat	caaagatata	ctaggagctc	300
tactattaat	tttaaccctc	atgcttctag	tcctattctc	accggacctg	cttggagacc	360
cagacaacta	tacaccagca	aaccacttta	atacaccccc	acatatcaag	cccgaatgat	420
acttcctatt	tgcatacgca	atcctccgat	caattcctaa	caaactagga	gg	472

<210> 49

<211> 472

<212> DNA

<213> *Saiga tatarica*

<400> 49

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caaccctcac	cggattcttc	gccttccact	tcctctctcc	atztatcatt	gcagctctcg	180
ctatagtcca	cctacttttt	cttcacgaaa	caggatctaa	caaccccaca	ggaatcccat	240
cagatttcaga	caaaatccca	ttccacccct	actacaccat	taaagacatt	ctaggcgccc	300
tactacttat	tctaatacct	atacttctag	tcctattttc	accagacctg	cttggagacc	360
cagacaacta	cacrcacgca	aaccacttta	acacaccccc	acataattaa	cccgaatgat	420
acttcctatt	cgcatacgca	atcctccgat	caattcctaa	taaactagga	gg	472

<210> 50

<211> 472

<212> DNA

<213> *Gazella dama*

<400> 50

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tcccatacat	cggcacagac	ctagtagaat	gaatctgagg	aggattctca	gtagataagg	120
caacactcac	ccgattcttt	gccttccatt	tcatcttccc	attcatcatt	gcagcccttg	180
ccatagttca	tctattatth	cttcacgaaa	caggatccaa	caaccccaca	ggaatttcat	240
cagatgcaga	caaaattccg	ttccacccct	actacaccat	caaagacatt	ctaggagcac	300
tactattaat	tctagccctc	atactcctag	ttctattcac	accagatctg	cttggagacc	360
cagacaacta	cacaccagca	aatccactca	atacaccccc	acatattaag	cctgagcgat	420
atttcctatt	tgcatacgca	attctccgat	caattcctaa	taaactagga	gg	472

<210> 51

<211> 472

<212> DNA

<213> *Ourebia ourebi*

<400> 51

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caactctaac	ccgattcttt	gccttccact	tcatctctcc	attcatcatt	gcagcccttg	180
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cagatgcaga	caaggtccca	ttccacccct	actacaccat	taaagacatc	ctaggcgccct	300
tcctactaat	tctagccctc	atgctcctag	tcctattcac	accagacctg	cttggagacc	360
cagacaacta	tacaccagca	aacccactaa	atacaccccc	acatattaata	cctgagtgggt	420
atttcctatt	cgcatacgca	attctccgat	cgattcccaa	caaactagga	gg	472

<210> 52

<211> 472

<212> DNA

<213> *Gazella gazella*

<400> 52

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caacactcac	ccgattcttt	gcttttccact	ttatctctccc	attcatcatt	gcagccctcg	180
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tactactaat	cctagttctt	atactcctag	ttctgttctc	accggacctc	ctcggagacc	360
cagacaacta	tacaccagca	aatccactca	acacaccccc	acacatcaaa	cctgaatgggt	420
acttcctatt	cgcatacgca	attctccgat	caattcccaa	taaactagga	gg	472

<210> 53

<211> 472

<212> DNA

<213> *Raphicerus melanotis*

<400> 53

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ttccctacat	tggcacaaac	ctagtagaat	ggatctgagg	aggattttca	gttgataaag	120
caaccctcac	cgcattcttc	gcttttcaat	tcagttctcc	atttatcatc	gcagccctag	180
ctatagttca	cctacttttc	ctccacgaaa	ctggatccaa	caaccccaca	ggaagtttat	240
cagatataga	caaaatccca	tttcacccct	actacacccat	taaagacatt	ttaggagccc	300
tcctattaat	cctaaccctt	atgcttctag	ttctattctc	accagacctc	ctcggagacc	360
cagacaacta	tacaccagca	aaccacctca	acacaccccc	acatatcaaa	cccgaatggt	420
attttctatt	cgcataatgca	attctccggt	caattcccaa	taaattagga	gg	472

<210> 54

<211> 472

<212> DNA

<213> *Madoqua kirkii*

<400> 54

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caaccctcac	cgcattcttc	gccttccatt	ttattctccc	attcattatt	gcagccctag	180
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cagacgcaga	cggaaatccca	ttccgccccct	actacactat	taaagacatc	ctaggcgccc	300
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cagacaacta	cacaccagca	aatccccctta	acacgcccccc	acacattaaa	cctgaatgat	420
atttcctatt	cgcataatgca	atcctccgat	caatccctaa	caaactaggg	gg	472

<210> 55

<211> 472

<212> DNA

<213> *Antilocapra americana*

<400> 55

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caaccctcac	cgcattcttc	gcattccact	ttatctctcc	attcatcatt	gcagcactag	180
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ccgacaacta	cacaccagct	aaccacctca	acactccccc	acacattaag	ccagaatgat	420
atttcctatt	cgcataatgca	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 56

<211> 472

<212> DNA

<213> *Tragulus javanicus*

<400> 56

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caacccttac	acgattcttt	gccttccact	ttatctctcc	atttatcatt	acagccctag	180

tcctagtcca	ccttttattt	ctccacgaaa	caggatctaa	taaccccaca	ggaatcccct	240
cagacgcaga	caaaatcccc	ttccacccat	actacactat	taaagacatt	ctagggggttc	300
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cagataacta	cacccccgcc	aaccccccta	acacaccacc	ccatatcaaa	cccgaatgat	420
atttcctatt	tgcatacgca	attcttcggt	caatccccaa	taaactagga	gg	472

<210> 57

<211> 472

<212> DNA

<213> *Tragulus napu*

<400> 57

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caacccttac	acgatttttt	gccttccact	tcacctctcc	atttgtcatt	acagccctag	180
ccctagtcca	tcttttattt	ctccacgaga	caggatcaaa	taaccccaca	ggaatcccct	240
cagacgcaga	caagatcccc	ttccacccat	actacaccat	caaagatgtc	ctaggggctc	300
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ccgacaatta	cactccggca	aaccccccta	acacaccacc	tcataattaag	ccagagtggg	420
atttcctatt	cgcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 58

<211> 472

<212> DNA

<213> *Balaenoptera acutorostrata*

<400> 58

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caacattaac	acgctttttt	gccttccact	tcacctctcc	ttttattatc	ctagcattag	180
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ccgacaacta	taccccagca	aacccactca	gtaccccagc	acacattaaa	ccagaatgat	420
acttcctatt	cgcatacgca	atcctacgat	caatccctaa	taaactaggc	gg	472

<210> 59

<211> 472

<212> DNA

<213> *Balaenoptera bonaerensis*

<400> 59

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tcccatatat	tgggtaccacc	ttagttgaat	gaatctgagg	tggcttctct	gtagacaaaag	120
caacattaac	acgctttttt	gccttccact	tcacctctcc	tttcattatc	ctagcattag	180
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ccgacaacta	caccccagca	aacccactca	gtaccccagc	acacattaaa	ccagaatgat	420
attttctatt	cgcatacgca	atcctacgat	caatccccaa	taaactaggc	gg	472

<210> 60

<211> 472

<212> DNA

<213> Balaenoptera borealis

<400> 60

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tcccatacat	tggtactacc	ctagtcgaat	ggatctgagg	cggttttctc	gtagataaag	120
caacactaac	acgctttttt	gccttccact	tcattctccc	cttcattatt	ctagcactag	180
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tactactaat	cctaacccta	ctaatactaa	ccctattcgc	acccgacctg	cttggagacc	360
cagacaacta	cacccagca	aatccactca	gtaccccgagc	acacattaaa	ccagaatgat	420
atttcttatt	tgcatacgca	atcctacgat	caatcccca	caaattaggc	gg	472

<210> 61

<211> 472

<212> DNA

<213> Balaenoptera edeni

<400> 61

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tcccatacat	tggtactacc	ctagtcgaat	gaatctgggg	cggttttctc	gtagataaag	120
caacactaac	acgctttttt	gccttccact	ttatcctccc	cttcattatt	ctagcactag	180
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ccaacataga	caaaatcccc	ttccaccctt	attacacaac	taaagacatt	ctaggcgccc	300
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cagacaacta	cactccagca	aatccactca	gtaccccaac	acacattaaa	ccagaatgat	420
atttcttatt	tgcatacgca	atcctacgat	caattcccaa	caaattaggc	gg	472

<210> 62

<211> 472

<212> DNA

<213> Eschrichtius robustus

<400> 62

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caacactaac	acgcttcttt	gccttccact	tcatccttcc	attcattatc	ctagcactag	180
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ccaacataga	caatatcccc	ttccaccctt	attacacaat	taaagacata	ctaggcgccc	300
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cagacaacta	taccccgagca	aacccactca	gcaccccaac	acatattaaa	ccagagtgat	420
atttcttatt	tgcatacgca	atcctacgat	cgatcccca	caaattaggc	gg	472

<210> 63

<211> 472

<212> DNA

<213> Balaenoptera musculus

<400> 63

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caacactaac	acgcttcttt	gccttccact	tcattctccc	cttcatcatt	atagcattag	180
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ctgacataga	taaaattcca	ttccaccctt	actacacaat	taaagacatt	ctaggcgccc	300
tactactaat	cctaacccta	ctaataattaa	ctctatttgc	acccgactta	ctcggagacc	360
cagacaacta	caccccagca	aaccactca	gtaccccagc	acacattaaa	ccagagtgat	420
atttcctatt	tgcatacgca	atcctacgat	caatcccca	caaattaggc	gg	472

<210> 64

<211> 472

<212> DNA

<213> Megaptera novaeangliae

<400> 64

taccctgagg	acaaatatca	ttctgaggcg	caaccgtcat	caccaacctt	ctatcagcaa	60
tcccatacat	tggtactacc	ctagtcgaat	gaatctgggg	cggtttttcc	gtagacaaag	120
caacactaac	acgtttcttt	gctttccact	tcattctccc	cttcatcatt	acagcattag	180
caatcgtcca	cctcatcttc	cttcacgaaa	caggatccaa	caaccccaca	ggcatcccat	240
ccaacataga	caaaatccca	ttccaccctt	actacacaat	caaagacact	ctaggcgccc	300
tattactaat	cctaacccta	ctaattgttaa	ccctatttgc	acctgacctg	cttggagacc	360
cagataacta	caccccagca	aaccactca	gtaccccagc	acacattaaa	ccagagtgat	420
atttcctatt	tgcatacgca	atcctacgat	caatcccca	caaactaggc	gg	472

<210> 65

<211> 472

<212> DNA

<213> Balaenoptera physalus

<400> 65

tgccctgagg	acaaatatca	ttctgaggcg	caactgtaat	cactaacctc	ctatcagcaa	60
tcccatacat	tggtaccacc	ctagtcgaat	gaatctgagg	cggttttctt	gtagataaag	120
caacactaac	acgctttttt	gcctttcact	ttatctctcc	cttcatcatc	ctagcattag	180
caattgtcca	ccttattttt	cttcacgaaa	caggatccaa	caaccccaca	ggcatcccat	240
ccgacataga	taaaatccca	ttccaccctt	accacacaat	taaagacatt	ctagggtgccc	300
tattactaat	cctaataccta	ctaataactaa	ccctatttgc	acccgacctt	cttggagacc	360
cagacaacta	taccccagca	aaccactca	gtaccccagc	acacattaaa	ccagaatggt	420
attttctatt	cgcatacgca	atcctacgat	caatcccca	caaactaggc	gg	472

<210> 66

<211> 472

<212> DNA

<213> Caperea marginata

<400> 66

tgccctgagg	acagatatca	ttctgaggcg	caaccgtcat	caccaacctc	ctatcagcaa	60
tcccatacat	tggtaccacc	ctagttgaat	gaatctgggg	tggtttctcc	gtagacaaag	120

cgacactaac	tcgcttcttt	gctttccact	tcctctccc	tttcattatt	ctagcgctag	180
cagctgttca	tctccttttc	ctccacgaaa	caggatctaa	caaccccaca	ggcatcccat	240
ccaacataga	caaaattcca	ttccaccctt	actacacaat	taaagacatc	ctgggcgtcc	300
tactactaat	cctgacccta	ctaataattaa	ccttatctac	acctgacctg	cttgagagacc	360
ctgacaacta	caccccagca	aatccctca	gcaccccgagc	acacatcaag	ccagaatgat	420
acttcctatt	tgcatatgca	atcctacgat	caattcctaa	taaattaggt	gg	472

<210> 67

<211> 472

<212> DNA

<213> Cephalorhynchus commersonii

<400> 67

taccctgggg	acagatatca	ttttgaggtg	caacagtcac	caccaacctc	ctatcagcaa	60
tcccctacat	cggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaaag	120
caacactaac	acgctttttc	gccttccact	ttatctctcc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	cctaacccta	ctagcattaa	ccctatttgc	ccccgacctc	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcaccccgcg	acacatcaaa	ccagagtgat	420
acttcctatt	cgcatatgca	atcctacgat	caattcccaa	taaacttgga	gg	472

<210> 68

<211> 472

<212> DNA

<213> Cephalorhynchus eutropia

<400> 68

taccctgggg	acagatatca	ttttgaggtg	caacagtcac	caccaacctc	ctatcagcaa	60
tcccctacat	cggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaaag	120
caacactaac	acgctttttc	gccttccact	ttatctctcc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	cctaacccta	ctagcactaa	ccctatttgc	ccccgacctc	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcaccccgcg	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 69

<211> 472

<212> DNA

<213> Lagenorhynchus obliquidens

<400> 69

taccctgagg	acagatatca	ttctgaggtg	caacagtcac	caccaacctc	ctatcagcaa	60
tcccctacat	cggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagacaaaag	120
caacactaac	acgctttttc	gctttccact	ttatctctcc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300
tattcctaata	tctaacccta	ctagcactaa	ccctatttgc	ccccgacctc	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	gcaccccgcg	acacatcaaa	ccagaatggt	420
acttcctatt	cgcatatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 70

<211> 472

<212> DNA

<213> Cephalorhynchus heavisidii

<400> 70

taccctgagg	acaaatatca	ttttgaggcg	caacagtcac	caccaacctc	ctatcagcaa	60
tcccctacac	cgggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtggacaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	tctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaa	taaagacatc	ctaggcgctt	300
tattccta	tctagcccta	ctagcactaa	ccctattcgc	ccctgaccta	ctgggagacc	360
ctgataacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcataatgca	atcctacgat	caatccctaa	taaacttgga	gg	472

<210> 71

<211> 472

<212> DNA

<213> cephalorhynchus hectori

<400> 71

taccctgagg	acaaatatca	ttttgaggcg	caacagtcac	caccaacctc	ctatcagcaa	60
tcccctacac	cgggtactacc	ttagtagaat	gaatctgagg	aggattttcc	gtagacaaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattaa	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaa	taaagacatc	ttaggcgctt	300
tattccta	tctaataccta	ctagcactaa	ccctattcgc	ccctgaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccattaa	acacccccgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcataatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 72

<211> 472

<212> DNA

<213> Lagenorhynchus australis

<400> 72

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tcccctacac	cgggtactacc	ttagtagaat	gaatctgagg	cggattttcc	gtagataaag	120
caacactaac	acgctttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	cttactattc	ttacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	actacacaa	taaagacatc	ctaggcgctt	300
tattccta	tctagcccta	ctagcactaa	ccctattcac	ccctgaccta	ctaggagacc	360
ctgacaacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcataatgca	atcctacgat	caattcctaa	taaactcgga	gg	472

<210> 73

<211> 472

<212> DNA

<213> Lagenorhynchus cruciger

<400> 73

taccctgagg	acagatatca	ttttgaggtg	caacagtc	cat	caccaacctc	ctatcagcaa	60
tcccctacat	cgggtactacc	ttagtagaat	gaatctgagg	cggatttttcc	gtagacaaaag		120
caacactaac	acgcttttttc	gctttccact	tcctctccc	attcatcatc	acagcatttag		180
cagccgtcca	cctgctattc	ctacacgaaa	caggatccaa	caacccccaca	ggaatcccat		240
ccaacataga	cataatccca	ttccaccctt	actacacaat	taaagacatc	ctaggcgctt		300
tattccta	at	ctagcactaa	ccctggtcac	ccctgaccta	ctaggagacc		360
ctgacaacta	taccccagca	aatccattaa	gcacccccgc	acacatcaaa	ccagaatgat		420
atttcttatt	cgcatatgca	atcctacgat	caattcctaa	taaactcgga	gg		472

<210> 74

<211> 472

<212> DNA

<213> *Lagenorhynchus obscurus*

<400> 74

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tcccctacat	tggtactacc	ttagtagaat	gaatctgagg	cggatttttcc	gtagacaaaag		120
caacactaac	acgcttttttc	gctttccact	ttatctctccc	attcatcatc	acagcatttag		180
cagccgtcca	cctactattc	ctacacgaaa	cagaatccaa	caacccccaca	ggaatcccat		240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctagggtgctt		300
tattccta	tctagcccta	ctaactactaa	ccttattcac	ccccgaccta	ctaggagacc		360
ctgataacta	taccccagca	aatccattaa	gcacccccagc	acacatcaaa	ccagaatgat		420
atttcttatt	cgcatatgca	atcctacgat	caattcctaa	taaacttgga	gg		472

<210> 75

<211> 472

<212> DNA

<213> *Lissodelphis borealis*

<400> 75

taccctgagg	gcagatatca	ttttgaggtg	caaccgtcat	caccaacctc	ctatcagcaa	60
tcccctacat	cgggtactacc	ttagtagaat	gaatctgagg	cggatttttcc	gtagacaaaag	120
caacactaac	acgcttttttc	gctttccact	ttatctctccc	attcatcatc	acagcatttag	180
cagctgttca	cctactattc	ctacacgaaa	caggatccaa	caacccccaca	ggaattccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctggggcgctt	300
tattccta	tctggcccta	ctagcactaa	ccctattcac	ccctgaccta	ttaggagacc	360
ctgataacta	caccccagca	aatccattaa	gcacccctgc	acacatcaaa	ccagaatggt	420
acttcttatt	tgcatacgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 76

<211> 472

<212> DNA

<213> *Lissodelphis peronii*

<400> 76

taccctgagg	acagatatca	ttttgaggtg	caaccgtcat	caccaacctc	ctatcagcaa	60
tcccctacat	cgggtactacc	ttagtagaat	gaatctgagg	cggatttttcc	gtagacaaaag	120
caacactaac	acgcttttttc	gctttccact	ttatctctccc	attcatcatc	acagcatttag	180
cagctgttca	cctactgttc	ctacacgaga	caggatccaa	taacccccaca	ggaattccat	240
ccaacataga	cataatccca	ttccaccctt	attacacaat	taaagacatc	ctggggcgctt	300

tattcttaat	tctgacccta	ctagcactaa	ccctatttac	ccctgacctg	ttaggagatc	360
ctgataacta	caccccagca	aatccattaa	gcacccctgc	acacatcaaa	ccagaatggt	420
actttctatt	cgcatacgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 77

<211> 472

<212> DNA

<213> Globicephala macrorhynchus

<400> 77

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tcctttacat	cggcaccacc	ttagtagaat	gaatctgagg	tggaattttcc	gtagacaaaag	120
caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataattcca	ttccacccct	attatacaat	taaagacatc	ctaggcgccc	300
tactcttaat	cctagcacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	tactccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgca	atcctacgat	caattcccaa	taaacttgga	gg	472

<210> 78

<211> 472

<212> DNA

<213> Globicephala melas

<400> 78

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tcctttacat	cggcactacc	ttagtagaat	gaatctgagg	tggaattttcc	gtagacaaaag	120
caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acaacattag	180
tagctgtcca	cctgctattc	ctacacgaaa	caggatccaa	taaccccata	ggaatcccat	240
ccaacataga	cataattcca	ttccacccct	attatacaat	taaagatatc	ctaggcgccc	300
tactcttaat	cctagcacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	tactccagca	aaccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgca	atcctacgat	caattcccaa	taaacttgga	gg	472

<210> 79

<211> 472

<212> DNA

<213> Feresa attenuata

<400> 79

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tcctttacat	cggcaccact	ttagtagaat	gaatctgagg	tggaattttcc	gtagacaaaag	120
caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
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ccaacataga	cataattcca	ttccacccct	attatacaac	taaagatatc	ctagggtgcc	300
tactcttaat	tctaactata	ctaactactaa	ccctgttcac	ccctgacctc	ctaggagacc	360
ctgataacta	tactccagca	aaccactaa	gcacccctgc	acacatcaaa	ccagagtgat	420
atttcctatt	cgcgtatgca	atcctacgat	caattcctaa	taaacttgga	gg	472

<210> 80

<211> 472

<212> DNA

<213> *Peponocephala electra*

<400> 80

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tcccttacat	cggaaccacc	ttagtagaat	gaatctgagg	tggattttcc	gtagacaaag	120
caacactaac	acgttttttc	gctttccact	tcctctccc	attcatcatc	acagcattgg	180
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ccaacataga	cataattcca	ttccaccctt	attatacaat	taaagacatc	ctaggcgctc	300
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ctaacaacta	taccccagca	aaccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatatgca	atcttacgat	caattcccaa	taaacttgga	gg	472

<210> 81

<211> 472

<212> DNA

<213> *Grampus griseus*

<400> 81

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tcccctacat	cggtactact	ttagtagaat	gaatctgagg	tggattttcc	gtagacaaag	120
caacactaac	acgttttttc	gctttccact	ttatctctcc	attcatcatc	acagcattag	180
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tactcttaat	cctaactacta	ctaactactaa	ccctattcac	ccctgacctc	ctaggagacc	360
ctgataacta	cactccagca	aaccgctaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatatgca	atcttgcat	caattcccaa	caaacttgga	gg	472

<210> 82

<211> 472

<212> DNA

<213> *Pseudorca crassidens*

<400> 82

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caacactaac	acgttttttc	actctccact	ttatctctcc	attcatcatt	acagcactaa	180
cagctaccca	cctactattc	ctacacgaga	ctggatccaa	taacccacaca	ggaatcccat	240
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tactcttaat	tctaactacta	ctaactactaa	ccctattcac	ccccgacctc	ctaggagacc	360
ctgataacta	tattccagca	aaccactaa	acacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatatgca	atcttacgat	caattcccaa	taaacttgga	gg	472

<210> 83

<211> 472

<212> DNA

<213> *Lagenorhynchus acutus*

<400> 83

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tcccttacat	cggcactacc	ctagtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactgac	acgctttttc	gccttccatt	tcatoctccc	attcataatt	acagcattag	180
cagctgttca	cctgctgttc	ctacacgaga	caggatccaa	taaccctaca	ggaatcccat	240
ctaacaataga	tataatcccc	ttccaccctt	attatacaat	taaagatatc	ctaggcgctt	300
tactcttaat	tctaacccta	ctagcactaa	ccctattcac	ccctgacctt	ctaggagacc	360
ctgataacta	cactccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgca	atcctacgat	caattcccaa	caaacttgga	gg	472

<210> 84

<211> 472

<212> DNA

<213> *Orcinus orca*

<400> 84

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tcccttacat	cggcaccacc	ttagtagaat	gaatctgagg	tggtttttcc	gtagacaaag	120
caacactaac	acgttttttc	gccttccact	ttatcctccc	attcatcatc	acagcattaa	180
cagctgttca	cctactgttc	ctacacgaga	caggatccaa	taaccccaca	ggaatcccat	240
ccaacataga	tataatcccc	ttccaccctt	atcacacaat	taaagatacc	ctaggcgccc	300
tactcttaat	cctaaccctg	ctagcactaa	ccttattcgc	ccctgacctt	ctaggagacc	360
ctgacaacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatacgca	atcctacgat	cagttcccaa	taaacttgga	gg	472

<210> 85

<211> 472

<212> DNA

<213> *Orcaella brevirostris*

<400> 85

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tcccttacat	cggcactacc	ctagtagaat	gaatctgagg	tggtttttcc	gtagacaaag	120
caacactaac	acgttttttc	gccttccact	ttatcctccc	attcatcatc	acagcactag	180
taactgttca	cctactattc	ctacacgaaa	caggatccaa	caatcctaca	ggaatcccat	240
ccaacataga	cataatcccc	ttccaccctt	atcatacatt	taaagacatc	ctaggcgccc	300
tactcttaat	cttagtccta	ctaactactaa	ccctgttcac	ccccgacctt	ctaggagacc	360
ctgataacta	tactccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
acttcctatt	cgcatacgcg	atcctacgat	caattccctaa	taaactcgga	gg	472

<210> 86

<211> 472

<212> DNA

<213> *Delphinus capensis*

<400> 86

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tcccttatat	tggaactacc	ttagtgcgaat	gaatctgagg	tggtattctcc	gtagacaaag	120
caacattaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaatataga	cataatcccc	ttccaccctt	attatacaat	caaagatatc	ctagggtgctt	300
tactccta	cttaacccta	ctagcactga	ccctattcac	tcagaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcacccctgc	acatatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcctacgat	caatccctaa	taaacttgga	gg	472

<210> 87

<211> 472

<212> DNA

<213> Delphinus tropicalis

<400> 87

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caacattaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attatacaat	caaagatatc	ctaggtgccc	300
tactccta	cttaacccta	ctagcactga	ccctattcac	tcccgcaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcacccctgc	acatatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 88

<211> 472

<212> DNA

<213> Delphinus delphis

<400> 88

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caacattaac	acgctttttc	gctttccact	ttatcctccc	attcatcatc	acagcactag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagatatc	ctaggtgcct	300
tactccta	cttaacccta	ctagcactaa	ccctattcac	tcccgcaccta	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 89

<211> 472

<212> DNA

<213> Stenella clymene

<400> 89

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caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaattccat	240
ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagatatc	ctaggtgcct	300
tactccta	cttaacccta	ctagcactaa	ccctattcac	ccccgcaccta	ctaggagacc	360
ctgacaacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 90

<211> 472

<212> DNA

<213> *Stenella coeruleoalba*

<400> 90

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tcccttatat	tggcactacc	ttagtcgaat	gaatctgagg	tggattctcc	gtagacaaag	120
caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcattatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taacccaaca	ggaattccat	240
ccaatataga	cataattcca	ttccaccctt	attatacaat	taaagatatc	ctaggtgcct	300
tactccta	cttaacccta	ctagcactaa	ccctattcac	ccccgacct	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	caaacttgga	gg	472

<210> 91

<211> 472

<212> DNA

<213> *Tursiops aduncus*

<400> 91

tgccctgagg	acaaatatca	ttctgaggcg	caaccgtc	caccaacctc	ttatcagcaa	60
tcccttatat	tggcactacc	ttagtcgaat	gaatctgagg	tggattctcc	gtagacaaag	120
caacactaac	acgctttttc	gctttccact	ttatcctccc	gttcgctatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaatataga	cataatccca	tttcaccctt	attatacaat	caaagacatc	ctaggtgcct	300
tactccta	cttaacccta	ctagcactaa	ccctattcac	ccccgacct	ctaggaaacc	360
ctgataacta	tatcccagca	aatccactaa	gtacccccgc	acacatcaaa	ccagagtgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 92

<211> 472

<212> DNA

<213> *Stenella frontalis*

<400> 92

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caacattaac	acgctttttc	gctttccact	ttatcctccc	gttcattatc	acagcattag	180
cagccgttca	cctactattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagacatc	ctaggcgcct	300
tactccta	cctaacccta	ctagcactaa	ccctattcac	ccccgacct	ctaggagacc	360
ctgacaatta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 93

<211> 472

<212> DNA

<213> *Sousa chinensis*

<400> 93

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caacattaac	acgctttttc	gctttccact	ttatctttcc	cttcattatc	acagcattag	180

tagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taaccctaca	ggaattccat	240
ccaacataga	cataatccca	tttcaccctt	attatacaat	caaagacatc	ctaggtgcct	300
tactccta	cttaacccta	ctagcactaa	ccctattcac	ccccgaccta	ctaggagacc	360
ccgataacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgca	atcttacggt	caatccctaa	taaacttgga	gg	472

<210> 94

<211> 472

<212> DNA

<213> *Stenella longirostris*

<400> 94

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caacattaac	acgctttttc	gctttccatt	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	taaccccaca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attatacaat	caaagacatc	ctaggtggct	300
tactctta	cttaacccta	ctagcactaa	ccctattcac	ccctgactta	ctaggagacc	360
ctgataacta	taccccagca	aatccactaa	acacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	cgcatacgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 95

<211> 472

<212> DNA

<213> *Tursiops truncatus*

<400> 95

tgccctgagg	acaaatatca	ttctgaggcg	caaccgtcat	caccaacctc	ttatcagcaa	60
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caacattaac	acgctttttc	gccttccact	ttattcttcc	attcatcatc	acagcattgg	180
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ccaatataga	cataatccca	ttccaccctt	attatacaat	caaagacatc	ctaggcgctt	300
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ctgataacta	caccccagca	aacccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcttacgat	caatccctaa	taagctcgga	gg	472

<210> 96

<211> 472

<212> DNA

<213> *Lagenorhynchus alborostris*

<400> 96

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caacactaac	acgcttcttc	gctttccact	ttatcctccc	attcatcatc	acagcactag	180
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ccaacataga	tataattcca	ttccaccctt	attacacaat	caaagacatc	ctaggcgctt	300
tactttta	cctaacccta	ctagcactaa	ccctattttac	ccccgaccta	ctaggagatc	360
ccgataacta	taccccagca	aatccactaa	gcactcctgc	acacatcaaa	ccagaatggt	420
atttcctatt	cgcatacgca	atcctacgat	caatccctaa	caaacttgga	gg	472

<210> 97

<211> 472

<212> DNA

<213> *Steno bredanensis*

<400> 97

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tcctttacat	cggcactacc	ttggtagaat	gaatctgagg	cggattttcc	gtagacaaag	120
caacactaac	acgttttttc	gctttccact	ttatcctccc	attcatcatc	atagcattag	180
caactgtcca	cctactattc	ctacacgaga	caggatccaa	caatcccaca	ggaatcccat	240
ccaacataga	tataatccca	ttccaccctt	attacacaat	caaagacatc	ctaggcgctt	300
tacttttaat	cctaacttta	ctagcactaa	ccctattcac	ccccgacctt	ctaggagacc	360
ccgacaacta	taccccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatggt	420
atttcttatt	cgcatacgca	atcttacgat	caatccccaa	caaacttgga	gg	472

<210> 98

<211> 472

<212> DNA

<213> *Sotalia fluviatilis*

<400> 98

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tcctttacat	cggcactacc	ttagtagaat	gaatctgagg	cggattctcc	gtagacaaag	120
caacactaac	acgttttttc	gccttccact	ttatcctccc	atttatcatc	acagcattag	180
cagccgttca	cctgctattc	ctacacgaaa	caggatccaa	taatcccaca	ggaatcccat	240
ccaacataga	tataattcca	ttccaccctt	attacacaat	caaagatatc	ctaggcgctt	300
tactccta	cctgacccta	ctagcactaa	ccctattcac	ccccgacctt	ctaggagacc	360
ccgacaacta	tactccagca	aatccactta	acacccctgc	acacatcaaa	ccagaatgat	420
atttcttatt	cgcatacgca	atcttacgat	caatccctaa	taaacttgga	gg	472

<210> 99

<211> 472

<212> DNA

<213> *Delphinapterus leucas*

<400> 99

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tcctttacat	cggtaacacc	ttagtagaat	gaatctgagg	tgggttctcc	gtagacaaag	120
caacactaac	acgtttcttc	accttccact	ttatcctccc	attcatcatt	acagcgctag	180
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ccaacatgga	tacaatccca	ttccaccctt	actacacaat	caaagacatc	ctagggtgctt	300
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cagacaatta	caccccagca	aacccactaa	acacccctgc	acacatcaaa	ccagaatggt	420
acttcttatt	tgcatacaca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 100

<211> 472

<212> DNA

<213> *Monodon monoceros*

<400> 100

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tcccttacat	cggcaacacc	ttagtagaat	gaatctgagg	tgggttttct	gtagataaag	120
caacactaac	acgcttcttc	accttccact	ttatcctccc	attcatcatc	acagcactag	180
tggcgtcca	cttattattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaacataga	cataatcccc	ttccatccct	actacacaat	caaagacatg	ctaggcgctt	300
tcctactaat	cctaattcta	ctagcaataa	ccctactcac	acctgacctc	ctaggagacc	360
ctgacaatta	taccccagca	aacccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 101

<211> 472

<212> DNA

<213> *Platanista gangetica*

<400> 101

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tcccttatat	cggcagtacc	ctagtcgagt	gaatctgagg	tggcttttcc	gtagataaag	120
caacactaac	acgattcttt	gcctttcact	tcatcctccc	tttcatcatc	ctaactactag	180
caattatcca	cctactattc	ctacacgaaa	caggctcaaa	caaccccaca	ggaattccat	240
ccgacactga	caaaatccct	ttccacccct	actacacaat	caaagacacc	ctaggcgccc	300
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ccgataacta	caccccagca	aaccgcctta	ataccccagc	acatatcaaa	ccagagtgat	420
atttcctatt	tgcatacgca	atcttacggt	caatccccaa	taaactagga	gg	472

<210> 102

<211> 472

<212> DNA

<213> *Platanista minor*

<400> 102

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tcccttatat	cggcagtacc	ctagtcgagt	gaatctgagg	tggcttttcc	gtagataaag	120
caacactaac	acgattcttt	gcctttcact	tcatcctccc	tttcatcatc	ctaactactag	180
cagttatcca	cctactattc	ctacacgaaa	caggctcaaa	caaccccaca	ggaattccat	240
ccaacactga	caaaatccct	ttccacccct	actacacaat	caaagacacc	ctaggcgccc	300
tcatccta	cctaaccctc	ctcacattaa	ccttattttac	acctgacctc	ctaggagacc	360
ccgataacta	caccccagca	aaccgcctta	ataccccagc	acatatcaaa	ccagagtgat	420
atttcctatt	tgcatacgca	atcttacggt	caatccccaa	taaactagga	gg	472

<210> 103

<211> 472

<212> DNA

<213> *Kogia breviceps*

<400> 103

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ccacattaac	acgcttcttt	gcctttcact	tcatcctccc	ctttatcatc	ctagcactgg	180
caatgggtcca	cctcttattt	ctccacgaaa	caggatccaa	caaccccata	ggaatcccat	240
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ctgacaac	ta	caccccag	ca	aacccta	ta	gcacccc	ggc	acacatta	aaa	ccagaat	gat	420
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<210> 104

<211> 472

<212> DNA

<213> *Kogia simus*

<400> 104

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tccctta	cat	cggcacc	acc	ctagtgg	aat	gagttct	gagg	tggcttt	ctcc	gtggaca	aaag	120
ctacgct	aac	acgcttc	cttt	gctttcc	act	ttattct	ccc	cttcata	catc	ctagcact	tag	180
caataat	cca	cctccta	tttt	ctccacg	aaa	caggatc	caa	caacccc	cta	ggaattc	cctt	240
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tactact	aat	ctcagca	cta	ctcacact	ga	ccctgtt	cgc	acctgat	cta	ctaggag	acc	360
ccgacaac	ta	taccccag	ca	aacccta	ta	gcacccc	cgc	acacatta	aaa	ccagaat	gat	420
actttct	att	cgcatac	gcc	attctac	gat	caattcc	taa	caaactg	gga	gg		472

<210> 105

<211> 472

<212> DNA

<213> *Physeter catodon*

<400> 105

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ttccctata	t	cggcacc	acc	ctagtag	agt	gagtttg	agg	cggtttt	ctcc	gtagata	agg	120
caacactg	ac	acgcttc	cttc	actctcc	act	tcatac	ctccc	ctttata	cacc	ctaacta	ctaa	180
caatagta	ca	tctccta	tttt	ctccatg	aaa	caggatc	caa	caacccc	caca	ggaattc	cctt	240
ccaacata	ga	caaaatc	cca	ttccacc	ccct	accacac	aat	caaagac	acc	ataggtg	ccc	300
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ctgacaac	ta	caccccag	ca	aatcccta	ta	atacccc	aac	acacatc	aaa	ccagaat	ggt	420
atttcct	att	cgcgtac	gcc	atcctac	gat	ctgtcccc	aa	taaactag	ga	gg		472

<210> 106

<211> 472

<212> DNA

<213> *Lipotes vexillifer*

<400> 106

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tccctta	cat	cggaaacc	acc	ctagtag	agt	gagttct	gagg	gggattt	ctca	gtagaca	aaag	120
caacatta	aac	ccgcttc	cttc	gctctcc	att	tcatac	cttcc	atttatt	tatt	gtagcact	taa	180
caaccgt	cca	cttactat	ttt	ctccatg	aaa	caggatc	caa	caaccca	aata	ggaattc	ccat	240
ctaaca	taga	caaaatc	cca	ttccacc	ccct	accacac	aat	taaagata	tc	ttaggcg	ccc	300
ttctatta	aat	atttggt	tcta	ctcacact	ta	ccttact	tgc	accagac	ccta	ctcggag	atc	360
ctgataa	ta	taccccag	ca	aacccta	ta	acactcc	cgc	acacatc	aaa	ccagaat	gat	420
atttcct	cctt	cgcatac	gc	attctac	gat	caattccc	aa	taaattag	ga	gg		472

<210> 107

<211> 472

<212> DNA

<213> *Phocoena sinus*

<400> 107

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tcccttatat	cggcactact	ctagtccaat	gaatctgagg	tggtttttca	gtagataaag	120
ccacactaac	acgcttcttt	gccttccatt	tcctcttcc	atctattatt	ttagccctag	180
taacgtcca	cttactattt	ctccacgaaa	caggatctaa	taaccccaca	ggaatcccat	240
ctaactataga	caaaatccca	ttccaccctt	attacacaat	caaagacatc	ctaggagccc	300
tactattaat	cgtaattcta	ctcgactaa	ccctattcgc	acccgacctg	ctaggagacc	360
ccgataacta	taccccagca	aatccactca	gcaccccagc	acacattaag	ccagaatgat	420
acttcttatt	cgcatacgca	atcctacgat	caattcccaa	taaactagga	gg	472

<210> 108

<211> 472

<212> DNA

<213> *Berardius bairdii*

<400> 108

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ttccttatat	cggcaccact	cttgtcgaat	gaatctgagg	tggcttctcc	gtagataaag	120
ccacactaac	acgcttcttt	gccttccact	ttatctctcc	ttttatcatt	ctaaccctag	180
cagccgtcca	cttactattc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
ccaatataga	taaaattcca	ttccaccctt	actatacaat	caaagatata	ctaggagccc	300
tactactaat	cctagcccta	ctcacgctaa	ccctatttgc	acccgacctc	ctaggagagc	360
ccgacaacta	taccccggca	aaccgctca	gcaccccaac	acatattaag	ccagaatgat	420
acttctgtt	cgcatacgca	atctttagat	cagtccttaa	taaactaggg	gg	472

<210> 109

<211> 472

<212> DNA

<213> *Ziphius cavirostris*

<400> 109

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tcccttatat	cggcactact	ctagtccaat	gaatctgagg	tggtttttca	gtagataaag	120
ccacactaac	acgcttcttt	gccttccatt	tcctcttcc	atctattatt	ttagccctag	180
cagccgtcca	cttactattt	ctccacgaaa	caggatctaa	taaccccaca	ggaatcccat	240
ccgatataga	caaaatccca	ttccaccctt	attacacaat	caaagacatc	ctaggagccc	300
tactattaat	cgtaattcta	ctcgactaa	ccctattcgc	acccgacctg	ctaggagacc	360
ccgataacta	taccccagca	aatccactca	gcaccccagc	acacattaag	ccagaatgat	420
acttcttatt	cgcatacgca	atcctacgat	caattcccaa	taaactagga	gg	472

<210> 110

<211> 472

<212> DNA

<213> *Mesoplodon europaeus*

<400> 110

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ccgacaatta	caccccagca	aaccctacta	atactccagc	acacatcaaa	ccagaatgat	420
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<210> 111

<211> 472

<212> DNA

<213> Mesoplodon bidens

<400> 111

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ccgacaacta	taccccagca	aaccctacta	gcaccccgagc	ccacatcaaa	ccagagtggg	420
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<210> 112

<211> 472

<212> DNA

<213> Mesoplodon densirostris

<400> 112

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ccgataatta	tactccagca	aaccctacta	acactccagc	acacatcaaa	ccagagtggg	420
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<210> 113

<211> 472

<212> DNA

<213> Hyperoodon ampullatus

<400> 113

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ctgataacta	taccccagca	aaccctacta	gcactccagc	acacatcaaa	ccagaatggg	420
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<210> 114

<211> 472

<212> DNA

<213> *Hyperoodon ampullatus*

<400> 114

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ctgataacta	taccccagca	aaccctactca	gcactccagc	acacatcaaa	ccagaatggt	420
acttcttatt	tgcatacgca	atcctacggt	caatccctaa	caaactagga	gg	472

<210> 115

<211> 472

<212> DNA

<213> *Mesoplodon peruvianus*

<400> 115

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tattattaat	tatagtccta	cttataactaa	ccctatttgc	acctgaccta	ttaggagatc	360
ctgacaatta	cactccagca	aaccctactta	gcacccagc	acataattaaa	ccagaatgat	420
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<210> 116

<211> 472

<212> DNA

<213> *Pontoporia blainvillei*

<400> 116

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tattaataat	cctaacaata	ctcacgctga	ctctattcac	ccctgaccta	ttaggagacc	360
cagacaacta	tatcccagca	aaccccatga	ataccccgaga	gcacattaaa	ccagaatggt	420
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<210> 117

<211> 472

<212> DNA

<213> *Hippopotamus amphibius*

<400> 117

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cagacaacta	cacccccgca	aacccctta	gcacaccacc	acacattaaa	ccagaatgat		420
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<210> 118

<211> 472

<212> DNA

<213> Hexaprotodon liberiensis

<400> 118

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ccacccttac	acgattcttt	gccttccact	ttattcttcc	attcatcatc	atagcactag		180
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caaacgcaga	caaaatccca	ttccaccctt	attacacaat	caaagatatc	ctgggcgtac		300
tacttcta	aat	ctcacactaa	ccttatttgc	cccagacctc	ctagggggacc		360
cagacaacta	cacccccgca	aacccctta	gcacaccacc	acacatcaaa	ccagaatgat		420
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<210> 119

<211> 472

<212> DNA

<213> Rhinoceros sondaicus

<400> 119

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ctacccttac	cgcattcttt	gccttccact	tcattcttcc	ctttattatc	ctagctctag		180
cgatcaccca	cttactat	ctacacgaaa	caggatccaa	taacccatca	ggaattccat		240
ctaacacaga	caaaattcca	tttcaccctt	actacacaat	caaagacatc	ctaggagccc		300
tgcttcta	at	ctcacccctag	tcctattctc	ccctgacatc	ctagggggacc		360
cagacaacta	catcccagcc	aaccctctca	gcacccctcc	acatatcaaa	ccagaatggt		420
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<210> 120

<211> 472

<212> DNA

<213> Ceratotherium simum

<400> 120

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ccacacttac	acgattcttc	gcctttcact	ttatcctccc	ctttattatc	atagccctag		180
caatcaccca	cttactat	cttcacgaaa	caggatccaa	taacccatca	ggaatcccat		240
ccaacataga	caaaatccca	ttccaccctt	actacacaat	caaagacatc	ctgggaattt		300

tactccta	at	cctagc	acta	ctcgcc	ctag	ttctatt	tctc	accagac	atc	ctaggag	acc	360
ctgaca	aacta	cacccct	gcc	aatcct	tctca	gcactccc	cc	acatat	caaaa	ccagaat	gat	420
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<210> 121

<211> 472

<212> DNA

<213> *Dicerorhinus sumatrensis*

<400> 121

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tcccata	cat	cggcacc	gac	cttgtag	aat	gaatctg	agg	gggattt	ctc	gtagaca	aaag	120
ccaccct	cac	cgggttt	ttt	gctttcc	act	tcactct	ccc	cttcatc	atc	ctagccc	tag	180
caattac	cca	cctgctat	tc	ctacatg	aaa	caggatc	caa	caacccat	ca	ggaatccc	at	240
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tactttc	taat	cctagcc	cta	ctcaccc	tag	ttctatt	tctc	gcctgac	ctc	ctaggag	acc	360
cggaca	aacta	cacaccc	gcc	aaccctc	tca	gcacccc	ctc	acacatta	aaa	ccagaat	ggt	420
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<210> 122

<211> 472

<212> DNA

<213> *Equus asinus*

<400> 122

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ccaccct	tac	cggattt	ttt	gccttcc	act	ttattct	acc	ctttatc	atc	acagccc	tgg	180
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tcctcct	tagt	cctactc	ccta	ctaaccct	tag	tattatt	tctc	ccctgac	ctc	ctaggag	acc	360
cagaca	aacta	caccccag	ct	aacccctc	ca	gcactccc	cc	tcatatta	aag	ccagaat	ggt	420
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<210> 123

<211> 472

<212> DNA

<213> *Babyrousa babyrusa*

<400> 123

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caaccct	cac	acgattt	ttt	gctttcc	act	ttattct	acc	cttcatc	atc	accgctc	tcg	180
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cggaca	aacta	tactccag	ca	aaccact	aa	atacacc	acc	ccacatta	aag	ccagaat	gat	420
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<210> 124

<211> 472

<212> DNA

<213> *Phacochoerus africanus*

<400> 124

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caaccgtaca	tctcttggtc	ctacacgaaa	ctggatctaa	caaccctact	ggaatctcat	240
cagacataga	caaaatccca	ttccacccat	actacaccat	taaagatatc	ctaggagccc	300
tattcataat	actaatcctg	ctaatacctag	tattattctc	cccagaccta	ctaggagacc	360
cagacaacta	taccccagca	aaccatttaa	acacaccacc	ccacatcaaa	ccagaatgat	420
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<210> 125

<211> 472

<212> DNA

<213> *Sus scrofa* haplotype EWB3

<400> 125

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caaccctcac	acgattcttc	gccttccact	ttatcctgcc	attcatcatt	accgccctcg	180
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cagacaacta	caccccagca	aaccacttaa	acacccacc	ccatattaaa	ccagaatgat	420
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<210> 126

<211> 472

<212> DNA

<213> *Sus barbatus*

<400> 126

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cagacaacta	caccccagca	aaccacttaa	acacccacc	ccatattaaa	ccagaatgat	420
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<210> 127

<211> 472

<212> DNA

<213> *Lama glama*

<400> 127

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<210> 128

<211> 472

<212> DNA

<213> lama guanicoe

<400> 128

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<210> 129

<211> 472

<212> DNA

<213> Vicugna vicugna

<400> 129

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<210> 130

<211> 472

<212> DNA

<213> Camelus bactrianus

<400> 130

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<210> 131

<211> 472

<212> DNA

<213> *Arctocephalus forsteri*

<400> 131

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cagacaacta	caccccagcc	aacccccctca	gcactccacc	acatatataa	cctgaatgat	420
attttctatt	cgcttacgcc	attttacgat	ctatacccaa	caaactagga	gg	472

<210> 132

<211> 472

<212> DNA

<213> *Arctocephalus gazella*

<400> 132

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cagacaacta	catcccagcc	aacccccctca	gtactccacc	acatatcaaa	cctgaatggt	420
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<210> 133

<211> 472

<212> DNA

<213> *Eumetopias jubatus*

<400> 133

ttcogtgagg	acaaatatca	ttctgaggag	caaccgtcat	taccaacctc	ctatcagcta	60
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caaccctaac	acgattcttc	gcctttcact	ttattctccc	cttcgtagca	tcagcactag	180
taatagtaca	cctattattc	ctacacgaaa	ctggatccaa	caatccatca	ggaatctcct	240
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tcctactaat	cttaattcta	atactactag	taatatTTTTc	accagacctg	ctgggagacc	360
cagacaacta	catcccagcc	aacccccctca	gcactccacc	acatatataa	cccgaatgat	420
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<210> 134

<211> 472

<212> DNA

<213> *Zalophus californianus*

<400> 134

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caaccctaac	acgattcttt	gccttccact	ttattctccc	cttcatagca	tcagcactag	180
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tcctactaat	cttaacccta	atactactag	taatatcttc	accggacctg	ctgggagacc	360
cagacaacta	tattccagcc	aacccccctca	gcactccacc	acatattaaa	cctgagtgat	420
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<210> 135

<211> 472

<212> DNA

<213> *Odobenus rosmarus*

<400> 135

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tcattctaata	cctaactccta	atactactag	tactattctc	accagattta	ctgggagacc	360
cggacaatta	caccccagcc	aaccctctca	gcaccccacc	ccatatcaaa	cccgaatgat	420
atttcctatt	cgcctacgct	atcctccgat	ctattcccaa	caaactcggg	gg	472

<210> 136

<211> 472

<212> DNA

<213> *Phoca vitulina*

<400> 136

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caaccctaac	acgattcttc	gccttccact	tcattcctgcc	attcgtagta	tcagccctag	180
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ccaactcaga	caaaatccca	ttccacccgt	actatacaat	taaagatatc	ctagggggccc	300
tacttctcat	tctagtccctg	acactactag	tgctattctc	acccgacctg	ttaggagacc	360
cggacaacta	tatccctgcc	aatccctcaa	gcaccccacc	acatatcaaa	cctgaatggt	420
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<210> 137

<211> 472

<212> DNA

<213> *Phoca fasciata*

<400> 137

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caaccctaac	acgatttttc	gctttccact	ttatcctacc	atttgtagta	tcagcactag	180

cggcagttca	cctactattc	ctacacgaaa	caggatccaa	caacccctcc	ggaatcgtat	240
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tactcctcat	cctagtccta	atactactag	tactattctc	acccgaccta	ctaggagacc	360
ccgacaacta	caccctgcc	aacccctaa	gcacccacc	acatatcaag	cccgaatgat	420
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<210> 138

<211> 472

<212> DNA

<213> *Phoca groenlandica*

<400> 138

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caaccctaac	acgatttttc	gccttccact	tcattcttacc	attcgtagta	ttagcactag	180
cggcagttca	tctactattc	ttacacgaaa	caggatccaa	caacccacc	ggaatcgtat	240
cggactcaga	caaaatcccg	ctccacccat	attatacaat	taaagatatc	ctaggagccc	300
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ccgacaacta	catccctgcc	aatccctaa	gtacccacc	acatatcaag	cccgaatgat	420
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<210> 139

<211> 472

<212> DNA

<213> *Cystophora cristata*

<400> 139

taccgtgagg	acaaatatca	ttttgaggag	cgacagtcac	caccaaccta	ctatcagcaa	60
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caactctaac	acggtttttc	gccttccact	tcattcttacc	attcgtagta	tcagcactag	180
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cggactcaga	caaaatccca	ttccacccat	actatacaat	taaagacatc	ctaggagccc	300
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ccgacaacta	taccctgcc	aacccctaa	gtacccacc	acatatcaaa	cctgaatgat	420
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<210> 140

<211> 472

<212> DNA

<213> *Hydrurga leptonyx*

<400> 140

tgccatgagg	acaaatatca	ttttgaggag	caaccgttat	taccaactta	ctatcagcaa	60
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caaccctaac	acgattcttc	gccttccact	ttatccttcc	cttcgtagta	tcagcactag	180
cagcagtaca	tctactattc	ttacacgaaa	caggatccaa	taacccctcc	ggaattccat	240
ccaactcaga	caaaatccca	tttcacccct	actacacaat	caaagacatc	ctaggagccc	300
tattcctcat	tctaacccta	atactactag	tattattctc	acccgaccta	ctaggagacc	360
ccgacaacta	tattcctgct	aacccctaa	gcacccacc	acatatcaaa	cccgaatgat	420
atttcttatt	tgcctacgca	atcctacgat	ccattcccaa	taaactagga	gg	472

<210> 141

<211> 472

<212> DNA

<213> *Leptonychotes weddelli*

<400> 141

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caaccctaac	acgattcttc	gccttccact	ttatccttcc	cttcgtagta	tcagcactag	180
cagcagtaca	tctactattc	ttacacgaga	caggatccaa	caaccctctc	ggaattccat	240
ctgactcaga	caaaatccca	tttcacccct	actacacaat	caaagacatc	ctaggagccc	300
tactcctcat	tctaacccta	atattactag	tattattctc	acccgacctg	ctaggagatc	360
ccgacaacta	tactcccgtc	aatcccctaa	gtactccacc	acatatcaaa	cccgaatgat	420
atttcctatt	tgccctacgca	atcttacgat	ccatccctaa	caaactagga	gg	472

<210> 142

<211> 472

<212> DNA

<213> *Mirounga leonina*

<400> 142

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caaccctaac	acgattcttc	gccttccact	ttatcctacc	attcgtagca	ctagcactag	180
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ccgacaacta	cacccttgcc	aatcccctaa	gcacccacc	acatattaag	cccgaatgat	420
atttcctatt	tgccctacgca	atcctacgat	ctattcccaa	caaactagga	gg	472

<210> 143

<211> 472

<212> DNA

<213> *Erignathus barbatus*

<400> 143

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caaccctaac	acgattcttc	gccttccact	ttatcctacc	atttgtagta	ttagcattag	180
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ccgactcaga	taaaattcca	ttccacccat	actatacagt	caaggacatc	ttaggggcct	300
tacttcta	cctagttctt	atacttctag	tgctattctc	acccgacctc	ctgggagatc	360
ccgacaacta	cactcccgtc	aaccccctaa	gcacccacc	acatattaag	cccgaatgat	420
atttcctatt	cgcctatgca	atcctacgat	ccatccccaa	caaacttgga	gg	472

<210> 144

<211> 472

<212> DNA

<213> *Monachus schauinslandi*

<400> 144

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caaccctaac	acgattcttc	gctttccatt	ttattatacc	cttcatagta	ttagcactag	180
cagcagtcca	tttattatth	ctacacgaaa	caggatccaa	caatccctcc	ggaattccat	240
ccaactcaga	caaaatccca	ttccacccat	actatacaat	taaagacatt	ctaggagctt	300
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ctgacaacta	catccctgcc	aaccctttaa	acactccacc	acacattaaa	cccgaatgat	420
acttcttatt	cgcctacgca	atcctacgat	ctatccccaa	taaactagga	gg	472

<210> 145

<211> 472

<212> DNA

<213> *Helarctos malayanus*

<400> 145

taccctgagg	ccaaatgtcc	ttctgaggag	caactgtcat	taccaatctc	ttatcagcca	60
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cgactctaac	acgattcttt	gccttccact	ttatccttcc	gttcatcatc	ttggcactaa	180
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tacttcttac	cctagcccta	acaaccctag	ttctattctc	gcccgactta	ctaggagacc	360
ctgacaacta	catccccgca	aatccattga	gcacccacc	ccacatcaaa	cccgaatggt	420
actttctatt	tgcctacgct	atcctacgat	ccatccctaa	taaactagga	gg	472

<210> 146

<211> 472

<212> DNA

<213> *Selenarctos thibetanus*

<400> 146

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caaccctaac	acgattcttt	gctttccact	ttatccttcc	gttcatcatc	ctagcactag	180
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tacttctcat	cctagcctta	gcaactctag	tcctattctc	gcccgactta	ctaggagacc	360
ctgataacta	tacccccgca	aaccactga	gcacccacc	ccacatcaaa	cccgaatgat	420
actttttatt	tgcttacgct	atcctacgat	ccatccccaa	caaactagga	gg	472

<210> 147

<211> 472

<212> DNA

<213> *Ailurus fulgens*

<400> 147

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caactctaac	tcgattcttc	gccttccact	tcattcttcc	atthtatcatt	gcaacactag	180
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ccaactcaga	caaaattcca	ttccatccct	attatacaat	taaagatatc	ttggcgctc	300
tactccttat	cctaattctc	atgacattag	tactattctt	acctgacttg	cttgggtgatc	360

ctgataacta	tattccccgct	aacc cattaa	gcacaccacc	ccatattaaa	cctgagtggg	420
atttcctatt	cgcatatgca	attctacgat	ccatcccaaa	caaactagga	gg	472

<210> 148

<211> 472

<212> DNA

<213> *Felis catus*

<400> 148

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ccaccctaac	acgattcctt	ggcttccact	tcattcttcc	attcattatc	tcagccttag	180
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cagacaacta	catcccagcc	aaccctttta	ataccctctc	ccatattaaa	cctgaatgat	420
atttcctatt	cgcatatgca	attctccgat	ccatccctaa	caaactaggg	gg	472

<210> 149

<211> 472

<212> DNA

<213> *Canis familiaris*

<400> 149

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caaccctaac	acgattcctt	gcattccatt	tcattctctcc	tttcatcatc	gcagctctag	180
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cagataacta	cacccttgca	aaccctctaa	acaccctctc	acatattaaa	cctgagtgat	420
attttctatt	cgcatatgct	atcctacgat	ccatttctaa	taaattagga	gg	472

<210> 150

<211> 472

<212> DNA

<213> *Talpa europaea*

<400> 150

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cgacactcac	acgattcttc	gccttccact	tcattctgcc	atttattatt	gcggcactag	180
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cagacaatta	catcccggca	aaccggctaa	acacaccacc	ccatattaaa	cccgaatggg	420
atttcctatt	tgcataatgcc	atcctacgat	caatttctaa	taaattagga	gg	472

<210> 151

<211> 472

<212> DNA

<213> *Glaucomys sabrinus*

<400> 151

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cagacaacta	tacccagcc	aaccactca	acaccctcc	ccacatcaaa	ccagaatgat	420
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<210> 152

<211> 472

<212> DNA

<213> *Glaucomys volans*

<400> 152

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cagacaacta	tactccagcc	aaccactca	acggccctcc	ccatatcaag	ccagagtgat	420
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<210> 153

<211> 472

<212> DNA

<213> *Hylopetes phayrei*

<400> 153

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ctaccctaac	ccgattcttc	gcattccact	ttgtgctgcc	ctttattatt	gcagcactag	180
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ctgacaacta	cacccccgcc	aaccactta	acaccctcc	tcatattaaa	ccagaatgat	420
actttctatt	cgcatacgca	atcctacgat	ctattcccaa	taaattagga	gg	472

<210> 154

<211> 472

<212> DNA

<213> *Petinomys setosus*

<400> 154

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ctgacaacta	cacccccgcc	aacccactta	acacccctcc	tcatattaaa	ccagaatgat	420
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<210> 155

<211> 472

<212> DNA

<213> *Belomys pearsonii*

<400> 155

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caaccctaac	acgattcttc	gcattccact	ttatcttacc	atztatcgta	gcagcccttg	180
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ctgacaacta	tactccggcc	aatccactta	acacccctcc	ccacattaaa	ccagaatgat	420
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<210> 156

<211> 472

<212> DNA

<213> *Pteromys momonga*

<400> 156

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tcccttatat	cggcaccaac	cttgttgaat	ggatctgagg	tgggtttctca	gttgataaag	120
ctaccctaac	acgattcttt	gcattccact	ttgtcctccc	cttcattatc	gcagccctag	180
caatagttca	cctacttttc	cttcatgaaa	caggggtccaa	caacccatct	ggacttacct	240
ccgaatccga	caaaatccca	ttccacccct	acttcacaat	taaagacatt	ttaggagcac	300
ttctccttgg	cctcctattc	ataatcttag	tcctctttac	tcagacctc	cttggagacc	360
ccgacaacta	taccccagcc	aacccctca	acactccccc	tcatatcaaa	ccagagtgat	420
atttcctatt	cgcataatgct	atcttacgat	ctatccctaa	caaactaggc	gg	472

<210> 157

<211> 472

<212> DNA

<213> *Galagoides demidoff*

<400> 157

ttccatgagg	ccaaatatca	ttctgagggtg	ctaccgtaat	cactaacctg	ctctcagcta	60
tcccatatat	agggcctact	ctagtagaat	gaatctgagg	ggggttttcg	gtagacaaag	120
ctacccttac	ccgattcttt	gctttccact	ttatcctccc	atztatcatt	acagcaatag	180
tcataatcca	cctcctattc	cttcacgaaa	caggatcaaa	caacccctca	ggacttccat	240
cagactcaga	caaaatcccc	tttcacccct	attacataat	caaggatctc	ctaggactga	300
ttattctctt	actaactctg	ttctccctag	taatattctc	cccggaacctg	ctaggagacc	360
ctgacaacta	cacccccgcc	aacccctaa	acacccacc	acatatcaaa	ccagagtgat	420
atttcctatt	tgcctacgcc	atcctacgat	ctatccccaa	caaactagga	gg	472

<210> 158

<211> 472

<212> DNA

<213> *Perodicticus potto*

<400> 158

tcccatgagg	acaaatatca	ttctgaggtg	ccacagtaat	cacaaacctc	ctatcagcaa	60
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ctaccctaac	acgattcttc	gccttcact	tcctcctccc	ctttattatc	acagcactag	180
ccacaactca	cctcttattt	cttcacgaaa	caggatcaaa	taacccagca	ggaattccat	240
cagaatcaga	caaaatcccc	ttccaccctt	actacaccac	caaagactta	ctaggagcca	300
tctttcttct	actaatccta	ctcaccctag	tcctattctc	cccagaccta	ttaggagacc	360
ctgacaacta	caccccagcc	aaccccctaa	acaccccacc	acatatcaaa	ccagaatggg	420
actttctatt	cgcctacgcc	atcttacgat	ccatcccaaa	caaactggga	gg	472

<210> 159

<211> 472

<212> DNA

<213> *Galago matschiei*

<400> 159

tcccatgagg	acaaatatca	ttctgaggcg	ctaccgtaat	cacaaatctc	ctctccgcaa	60
ttcctttacat	gggtaccggc	ctagtagaat	gaatctgagg	gggattttca	gtagacaaag	120
ccacccttac	tcgattcttc	gcttttact	tcctcctacc	tttcattatt	gcagccctag	180
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cagactccga	caaaatccca	ttccaccctt	actacacaa	ttaaagaccta	ctaggagtaa	300
tcttcttact	actatgccta	ttctctctag	tactattttc	ccccgatctg	ttaggagacc	360
cagacaattt	taccccgcgt	aatcccttaa	acaccccacc	acacatcaaa	ccagaatgat	420
acttcttatt	tgcttatgcc	atccttcgat	caattcccaa	caaactagga	gg	472

<210> 160

<211> 472

<212> DNA

<213> *Galago moholi*

<400> 160

ttccgtgagg	acaaatatca	ttctgaggcg	ctaccgtaat	cactaacctc	ctctcagcaa	60
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ccataattca	tcttcttttt	ttacatgaaa	cagggtcaaa	taacccctcg	ggaatctcat	240
cagactccga	caaaatcccc	ttccaccctt	actacacaa	ttaaagaccta	ctaggagcaa	300
tcctcttact	attatcccta	ttctctctag	tactattctc	ccctgacctg	ctgggagacc	360
cagacaatta	tatccctgcc	aaccccctaa	acaccccacc	acatattaaa	ccagaatgat	420
acttcttatt	tgccctacgcc	atccttcgat	caatcccaaa	caaactagga	gg	472

<210> 161

<211> 472

<212> DNA

<213> *Otolemur garnettii*

<400> 161

tcccatgagg	acaaatgtca	ttctgaggcg	caaccgtaat	tacaaatctc	ctctcagcaa	60
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caaccctcac	ccgggttttt	gctttccact	ttatcctgcc	tttcatcatc	gcagccctag	180
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cagactctga	caaaatcccc	ttccaccctt	attacacaat	taaagacctt	ctaggggcta	300
tcctcctcct	tctaacccta	ttctccctag	tcctattctc	ccccgacctt	ctaggagacc	360
cagacaacta	cacccttgcc	aaccctctaa	acacaccgcc	ccatatcaaa	cccgaatgat	420
atttcttatt	tgcttatgct	atcttacgat	ccatcccaaa	taaactagga	gg	472

<210> 162

<211> 472

<212> DNA

<213> *Loris tardigradus*

<400> 162

tcccatgagg	acaaatatca	ttctgaggag	ccacagtaat	taccaacctc	ctatcagcaa	60
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caaccctcac	acgattcttc	gcctttcact	tcatccttcc	attcatcatc	acagcattaa	180
ctgcaattca	cctacttttc	ctacacgaat	caggatcaaa	taaccatcc	ggaataacat	240
cagactctga	caaaatcccc	tttccaccct	actacacatt	aaaagatatt	ctaggagtaa	300
ttgctctctt	aatcacctta	tcaactctag	ttctattctc	ccctgacctt	ttaggagacc	360
ccgataatta	cacaccagct	aaccctttaa	acacccacc	ccacatcaaa	ccagaatggt	420
atttcttatt	cgcatacgca	atcctacgat	caatcccaaa	taaactaggt	gg	472

<210> 163

<211> 472

<212> DNA

<213> *Nycticebus coucang*

<400> 163

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ccacactcac	acgattcttc	gcctttccact	ttatcctccc	cttcatcgtc	gctgctctag	180
ttgtgattca	cctcatcttt	ctacatgaaa	caggctcaaa	taatccatca	ggaatctcat	240
cagactcaga	taagattcca	tttccaccct	actactcact	taaagacctc	ctaggagtgg	300
ttttcttatt	agcaacccta	tctattctag	tcttattctc	ccctgacctc	ctaggagacc	360
ccgacaacta	tacccccgcc	aaccctttag	tcacccctcc	acatatcaaa	ccagaatgat	420
attttctatt	cgcctacgcc	atccttcgat	caatcccaaa	caaactagga	gg	472

<210> 164

<211> 472

<212> DNA

<213> *Mus musculus*

<400> 164

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ccaccttgac	ccgattcttc	gctttccact	tcactctacc	atttattatc	gcggccctag	180
caatcggtca	cctcctcttc	ctccacgaaa	caggatcaaa	caacccaaca	ggattaaact	240
cagatgcaga	taaaattcca	tttccaccct	actatacaat	caaagatata	ctaggatatcc	300

taatcatatt	cttaattctc	ataaccctag	tattatTTTT	cccagacata	ctaggagacc	360
cagacaacta	cataccagct	aatccactaa	acacccccacc	ccatattaaa	cccgaatgat	420
atttcttatt	tgcatacgcc	attctacgct	caatccccaa	taaactagga	gg	472

<210> 165

<211> 472

<212> DNA

<213> Gorilla gorilla

<400> 165

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ctacccttac	acgattcttt	accttccact	ttatcttacc	cttcatcatc	acagccctaa	180
caaccctcca	tctcctatTT	ctacacgaaa	caggatcaaa	caaccctcta	ggcatccct	240
cccactctga	caaaatcacc	ttccaccctt	actacacaat	caaagacatc	ctaggcctat	300
tctcttttct	cctgaccttg	ataacattaa	cactattctc	accagacctc	ctaggagacc	360
cagacaacta	caccttagcc	aaccccttaa	gcacccccacc	ccacatcaaa	cccgaatgat	420
atttcttatt	tgcctacgca	attctccgat	ctgtccccaa	taaactagga	gg	472

<210> 166

<211> 472

<212> DNA

<213> Homo sapiens sapiens

<400> 166

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tcccatacat	tgggacagac	ctagttcaat	gaatctgagg	aggctactca	gtagacagtc	120
ccaccctcac	acgattcttt	acctttcact	tcattcttgc	cttcattatt	gcagccctag	180
caacactcca	cctcctattc	ttgcacgaaa	cgggatcaaa	caaccccccta	ggaatcacct	240
cccattccga	taaaatcacc	ttccaccctt	actacacaat	caaagacgcc	ctcggcttac	300
ttctcttctt	tctctcttta	atgacattaa	cactattctc	accagacctc	ctaggcgacc	360
cagacaatta	taccctagcc	aaccccttaa	acacccctcc	ccacatcaag	cccgaatgat	420
atttcttatt	cgcttacaca	attctccgat	ccgtccctaa	caaactagga	gg	472

<210> 167

<211> 472

<212> DNA

<213> Dugong dugong

<400> 167

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ccaccctcac	ccgattcttc	gccctacact	tcattcttacc	cttcatcgta	accgccctag	180
taatagtcca	cttactattc	ctccacgaaa	caggctccaa	caacccccacg	ggactgatct	240
ccgactcaga	caaaatccca	ttccaccctat	attatttcagt	caaagacctc	ctaggcctat	300
tctctctcat	tctagtctta	ctcctactaa	ccctgttctc	cccggacata	ctgggagacc	360
cagacaacta	cacaccagcc	aacccactaa	acacccctcc	ccacattaaa	ccagaatgat	420
actttctatt	ccgatacgct	atcctccgat	ctatccctaa	taaactaggc	gg	472

<210> 168

<211> 472

<212> DNA

<213> *Elephas maximus*

<400> 168

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ttccctacat	cggcacaaaac	ctagtagaat	gaatttgagg	aggcttttcg	gtagataaag	120
caaccctaaa	ccgattcttc	gccttccatt	tcctccttcc	atttactata	gttgcactag	180
caggagtgca	cctaaccctt	cttcacgaaa	caggctcaaa	caacccta	ggtctcactt	240
cagactcaga	caaaattccc	tttcacccgt	actatactat	caaagacttc	ctagggtac	300
ttatccta	tttactcctt	ctactcttag	ccctactatc	tccagacata	ctaggagacc	360
ctgacaacta	cataccagct	gatccactaa	atactccct	acacatcaaa	ccagagtgat	420
acttcctttt	tgcttacgcc	attctacgat	ctgtaccaa	caaactagga	gg	472

<210> 169

<211> 472

<212> DNA

<213> *Afropavo congensis*

<400> 169

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tcccttat	tggtcaaacc	ctagtagaat	gggcctgagg	aggattctca	gttgacaacc	120
caaccctcac	ccgattcttc	gccctacact	ttcttctccc	ctttctaatt	gcggaatta	180
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ccaattcaga	taaaatccca	ttccacccgt	actactccct	caaagatatc	ctaggcttag	300
cactcatgct	cattccattc	ctgacactag	ccctactctc	ccccaacctc	ttagggtgatc	360
cagaaaactt	cacccagca	aaccctctag	taactccccc	acacattaaa	ccagaatggt	420
atttcttatt	tgccatgcc	atccttcgct	caatcccaa	caaactagga	gg	472

<210> 170

<211> 472

<212> DNA

<213> *Pavo muticus*

<400> 170

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caaccctcac	ccgattcttc	gccctacact	ttctcctccc	ctttgtaatc	gcaggaatta	180
caattatcca	cctcacattc	ctccatgaat	caggctcaaa	taatccacta	ggcatctcat	240
ccaactcaga	caaaattccg	ttccacccat	actactccct	caaagatatc	ctaggcttaa	300
ctcttatatt	tatcccatc	ctaacactag	ccctattctc	ccccaatctc	ctagggtgacc	360
cagaaaactt	tacccagca	aaccccttag	taacccccc	gcacattaaa	ccagaatgat	420
acttcttatt	tgccatgcc	atccttcgct	caatcccaa	caaactagga	gg	472

<210> 171

<211> 472

<212> DNA

<213> *Tragopan blythii*

<400> 171

tcccatgagg	acaaatatca	ttttgagggg	ctaccgtc	cacaaactta	ttctcagcaa	60
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caaccctcac	tcgattcttc	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
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cactcatgct	cacccccctc	ctcacactag	cattattctc	accgaaccta	ttaggcgacc	360
cagaaaactt	caccccagca	aaccctactag	taaccctctc	ccatatcaaa	ccagaatgat	420
acttcttatt	cgcttatgcc	atcctgcgct	caatcccaaa	caaacttggg	gg	472

<210> 172

<211> 472

<212> DNA

<213> Tragopan satyra

<400> 172

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caaccctcac	ccgattcttc	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
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ccaactctga	caaaatccca	tttcatccat	actactccct	caaggatatc	ctaggcctaa	300
cactcatgct	cacccccctc	ctcacactag	ccttattctc	accaaaccta	ctagggtgatc	360
cagaaaactt	caccccagca	aaccctactag	taaccctctc	ccatattaaa	ccagaatgat	420
acttcttatt	cgcttacgcc	atcctacgct	caatcccaaa	caaacttgga	gg	472

<210> 173

<211> 472

<212> DNA

<213> Tragopan caboti

<400> 173

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caacccttac	ccgattcttt	gccctacact	tcctcctccc	atttgtaatc	gcaggaatca	180
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cactcatact	cactcctctc	ctcacactag	ccttattttc	accaaaccta	ctagggtgacc	360
cagaaaactt	caccccagca	aaccctattg	taactcctcc	ccatatcaag	ccagaatggt	420
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<210> 174

<211> 472

<212> DNA

<213> Tragopan temminckii

<400> 174

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caacccttac	ccgattcttt	gccctacact	tcctcctccc	atttgtaatc	gcaggaatta	180
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ctaactctga	caaaatccca	ttccaccctg	actactccct	caaagatatc	ctaggcctaa	300
cactcatact	cactccccctc	ctcacactag	ccttattttc	accaaaccta	ctagggtgatc	360
cagaaaactt	caccccagca	aaccctactag	taactcctcc	ccatatcaaa	ccagaatgat	420

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<210> 175

<211> 472

<212> DNA

<213> Argusianus argus

<400> 175

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ccacccttac	cggattcttt	gctctacatt	tcctcctacc	cttcgtaatc	gcaggaatca	180
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cactcatact	cgctccattc	cttacctaa	ccctattcta	cccaaaccta	ctaggtgacc	360
cagaaaactt	caccccagca	aaccattag	taactccacc	ccacatcaag	ccagaatgat	420
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<210> 176

<211> 472

<212> DNA

<213> Catreus wallichi

<400> 176

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caactctcac	cggattcttc	gccctgcact	tcctcctccc	cttcgtaatt	gcaggaatca	180
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cacttatatt	caccccattc	ctaactactag	ccctattctc	accaaactct	ctgggcgacc	360
cagaaaactt	caccccagca	aatccattag	taaccccacc	acacattaata	ccagaatggt	420
acttcttatt	tgcctacgct	atcctacgct	caatcccaaa	taaactcgga	gg	472

<210> 177

<211> 472

<212> DNA

<213> Crossoptilon crossoptilon

<400> 177

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cagagaactt	caccccagca	aaccactag	taacccccc	tcacattaata	ccagaatgat	420
acttcttatt	tgcctatgct	atcctgcgct	caatcccaaa	taaactcgga	gg	472

<210> 178

<211> 472

<212> DNA

<213> *Syrmaticus reevesi*

<400> 178

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caaccctcac	cggattcttc	gcccttcaact	ttctcctacc	cttcgtaatc	acaggaatca	180
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ctaactctga	caaaatcccc	tttcacccat	actactctct	caaagatatc	ctaggcctag	300
cacttatact	caccccattc	ctcacactag	ccctattctc	acctaacctg	ctaggcgacc	360
cagaaaactt	caccccagca	aaccactag	taacccctcc	tcacattaaa	ccagaatgat	420
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<210> 179

<211> 472

<212> DNA

<213> *Bambusicola thoracica*

<400> 179

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caactctcac	cggattcttc	gccttcaact	tcctactccc	cttcgtaatc	gcaggaatta	180
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cccttatatt	catcccattc	ctgacactag	ccctattctc	ccctaacctc	ctaggagacc	360
cagaaaactt	caccccagca	aaccactag	taacccctcc	acacatcaaa	ccagagtggg	420
acttctatt	cgcgtatgct	atcgtacgat	caatcccaa	caaactcgga	gg	472

<210> 180

<211> 472

<212> DNA

<213> *Francolinus francolinus*

<400> 180

tcccatgagg	ccaaatatca	ttctgagggg	ctaccgtcat	tacgaaccta	ttctcagcaa	60
ttccctacat	tggacaaaacc	ttagtagagt	gagcctgagg	gggattctca	gtagataacc	120
caaccctcac	cggattcttc	gccctacact	tccttctccc	cttcgtaatt	gcaggaatca	180
ctatcatcca	cctcacattt	ctgcacgaat	caggctcaaa	caaccccccta	ggcatctcat	240
ctgactctga	caaaatcccc	ttccacccat	actacacctc	caaagacatc	ctaggcctaa	300
cccttatatt	catccctctc	cttacactag	ccctattctc	ccccaacctc	ctaggcgacc	360
ccgaaaactt	caccccagca	aaccactag	taactcctcc	ccacatcaaa	ccagaatgat	420
acttctatt	tgcctacgcc	atcctacgct	caatcccaa	caaactcgga	gg	472

<210> 181

<211> 472

<212> DNA

<213> *Ithaginis cruentus*

<400> 181

taccatgagg	acaaatatca	ttctgaggag	ccactgtaat	cacaaaccta	ctctcagcaa	60
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ttccctacat	cggccaaact	ctggtagaat	gagcttgagg	aggatthttca	gtagacaacc	120
caaccctcac	ccgattcttc	gccctacact	ttctcctccc	cttcgcaatc	gcaggaatta	180
ctgtcatcca	ccttacactc	ctccacgaat	cagggttcaaa	taaccacta	ggcatctcat	240
ctaactctga	caaaatccca	tttcacccat	actactccct	caaagacatc	ctaggcctag	300
cacttatact	catccctttt	cttacactag	tcctatthttc	ccccaacctc	ctaggagatc	360
cagaaaactt	tagtccagca	aaccccttag	taacccacc	ccatattaaa	ccagaatgat	420
acttcttatt	tgcctacgct	attctacgct	caatcccaaa	taaacttgga	gg	472

<210> 182

<211> 472

<212> DNA

<213> Anthropoides paradisea

<400> 182

taccatgagg	acaaatgtca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccatatat	cggccaaacc	cttgtagaat	gagcttgagg	gggtttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatt	atgggcctca	180
ccctaatacca	cctcaccttc	cttcacgagt	ccggctcaaa	caaccccccta	ggcattgtat	240
caaactgcca	taaaatccca	ttccacccct	atthtttctt	aaaagatatc	ctaggattca	300
tactcatact	actcccactc	ataaccctag	ctctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tcacacctcc	ccatatcaaa	ccagaatgat	420
atthtcttatt	tgcgtatgcc	atcctacgct	caattccaaa	caaactagga	gg	472

<210> 183

<211> 472

<212> DNA

<213> Anthropoides virgo

<400> 183

taccatgggg	acaaatgtca	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
tcccatacat	cggccaaacc	cttgtagaat	gagcttgagg	gggtthttca	gtagataatc	120
ccacattaac	tcgattcttc	acgttacact	tcctccttcc	attcataatt	atgggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caaccccccta	ggcatcgtat	240
caaactgcca	taaaatccca	ttccacccct	atthtttctt	aaaagatatc	ctaggattca	300
tactcatact	actcccactc	ataaccctag	ctctattctc	accaaactta	ctaggagacc	360
cagaaaactt	ccccccagca	aatcccttag	tcacacctcc	ctatatthaaa	ccagaatgat	420
atthtcttatt	tgcatacgcc	atcctacgct	caattccaaa	caaactagga	gg	472

<210> 184

<211> 472

<212> DNA

<213> Grus antigone antigone

<400> 184

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tccctacat	cggccaaacc	cttgtagaat	gagcttgagg	gggtttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	ccggctcaaa	caaccccccta	ggcatcgtat	240
caaactgcca	taaaatccca	ttccacccct	actthttctt	aaaagatatc	ctaggattca	300
cactcatact	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tcacacctcc	tcatatcaag	ccagaatgat	420
actthtttatt	tgcatacgcc	atcctacgct	caatcccaaa	caaactagga	gg	472

<210> 185

<211> 472

<212> DNA

<213> *Grus antigone gillae*

<400> 185

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tcccctacac	cggccaaacc	cttgtagaat	gagcttgagg	gggcttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggtcctca	caacccccct	ggcatcgtat	240
caaaactgcga	taaaatccca	ttccacccct	acttttctct	aaaagatatc	ctaggattca	300
cactcatact	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	tcatatcaag	ccagaatgat	420
actttttatt	tgcatacgcc	atcctacggt	caatcccaaa	caaactagga	gg	472

<210> 186

<211> 472

<212> DNA

<213> *Grus antigone sharpei*

<400> 186

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccctacag	cggccaaacc	cttgtagaat	gagcttgagg	gggcttctca	gtagacaatc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	cttcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggttcaaa	caacccccct	ggcatcgtat	240
caaaactgcga	taaaatccca	ttccacccct	acttttctct	aaaagatatc	ctaggattca	300
cactcatact	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	ccatatcaag	ccagaatgat	420
actttttatt	tgcatacgcc	atcctacggt	caatcccaaa	caaactagga	gg	472

<210> 187

<211> 472

<212> DNA

<213> *Grus leucogeranus*

<400> 187

taccatgagg	acaaatatca	ttttgagggg	ctacagtcac	caccaatctc	ttctcagccg	60
tcccctacac	cggccaaacc	cttgtagaat	gagcttgagg	gggcttctca	gtagacaacc	120
ccacattaac	tcgattcttc	actttacact	tcctccttcc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggtcctca	caacccccct	ggcatcgtat	240
caaaactgcga	taaaatccca	ttccacccct	acttttctct	aaaagatatc	ctagggttca	300
tactcatact	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	cactccagca	aaccccctag	taacaccccc	acatatataa	ccagaatgat	420
acttcctatt	tgcatacgcc	atccgacggt	caatcccaaa	caaactagga	gg	472

<210> 188

<211> 472

<212> DNA

<213> *Grus canadensis pratensis*

<400> 188

tgccatgagg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gggcttgagg	gggctttctca	gtagacaatc	120
ccacattaac	ccgattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggctcaaa	caacccccta	ggcattgtat	240
caaactgcca	taaaatccca	ttccaccctt	atTTTTcctt	aaaagatatc	ctaggggttca	300
tactcatact	acttccactc	ataaccctag	ctctatTTTc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	gaccccttag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actTTTTtatt	tgccctacgcc	atcttacgct	caatcccaaa	caaactagga	gg	472

<210> 189

<211> 472

<212> DNA

<213> *Grus canadensis rowani*

<400> 189

tgccatgagg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gggcttgagg	gggctttctca	gtagacaatc	120
ccacattaac	ccgattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggctcaaa	caatccccta	ggcattgtat	240
caaactgcca	taaaatccca	ttccaccctt	atTTTTcctt	aaaagatatc	ctaggggttca	300
tactcatact	acttccactc	ataaccctag	ctctatTTTc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actTTTTtatt	tgccctacgcc	atcttacgct	caatcccaaa	caaactagga	gg	472

<210> 190

<211> 472

<212> DNA

<213> *Grus canadensis tabida*

<400> 190

taccatgagg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gggcttgagg	gggctttctca	gtagacaatc	120
ccacattaac	ccgattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggctcaaa	caacccccta	ggcattgtat	240
caaactgcca	taaaatccca	ttccaccctt	atTTTTcctt	aaaagatatc	ctaggggttca	300
tactcatact	acttccactc	ataaccctag	ctctatTTTc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccttag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actTTTTtatt	tgccctactcc	atcttacgct	caatcccaaa	caaactagga	gg	472

<210> 191

<211> 472

<212> DNA

<213> *Grus canadensis canadensis*

<400> 191

taccatgggg	acaaatatca	ttctgagggg	ctacagtcac	taccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gggcttgagg	gggctttctca	gtagacaatc	120
ccacattaac	ccgattcttc	actttacact	tcctcctccc	attcataatt	ataggcctca	180
ccctaatacca	cctcaccttc	cttcacgaat	cgggctcaaa	caacccccta	ggcattgtat	240
caaactgcca	taaaatccca	ttccaccctt	atTTTTcctt	aaaagatatc	ctaggggttca	300

tactcatact	acttccactt	ataaccctag	ctctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	ccatatcaaa	ccagaatgat	420
actttttatt	tgccctacgcc	atcttacgct	caatcccaaa	caaactagga	gg	472

<210> 192

<211> 472

<212> DNA

<213> Grus americana

<400> 192

taccatgagg	acaaatatca	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
tcccatacat	cggccaaacc	atcgtagaat	gagcttgagg	gggcttctct	gtagacaacc	120
ccacattaac	ccgattcttc	actttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaattcca	cctcaccttc	ctccacgaat	cgggctcaaa	caacccccta	ggcatcgtat	240
caaactgcga	taaaatccca	ttccaccctt	atttttcctt	aaaagacatc	ctaggattca	300
caatcatatt	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tgacacctcc	ccatatataag	ccggaatgat	420
actttttatt	tgcatacgcc	atcctacggt	caatcccaaa	caaactagga	gg	472

<210> 193

<211> 472

<212> DNA

<213> Grus grus

<400> 193

taccatgggg	acaaatgtca	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gagcttgagg	gggcttctca	gtagacaacc	120
ccacattaac	ccgattcttc	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaattcca	cctcaccttc	cttcacgaat	cgggctcaaa	caacccccta	ggcatcgtat	240
caaactgcga	taaaatccca	ttccaccctt	atttttcctt	aaaagatatc	ctagggttca	300
tactcatatt	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aacccctctag	tcacacctcc	ccatatataag	ccggaatgat	420
actttttatt	tgcatacgcc	atcctccggt	caatcccaaa	caaactagga	gg	472

<210> 194

<211> 472

<212> DNA

<213> Grus monacha

<400> 194

taccatgagg	acaaatatca	ttttgagggg	ctacagttat	caccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gagcttgagg	aggcttctca	gtagacaacc	120
ccacattaac	tcgattcttc	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaattcca	cctcaccttc	ctccacgaat	cgggctcaaa	caacccccta	ggcatcgtat	240
caaactgcga	taaaattcca	ttccaccctt	atttttcctt	aaaagatatc	ctaggattca	300
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cagaaaactt	caccccagca	aaccccctag	tcacacctcc	tcatatataa	ccggaatgat	420
acttttctatt	tgcatacgcc	gtcctacggt	caatcccaaa	caaactagga	gg	472

<210> 195

<211> 472

<212> DNA

<213> *Grus nigricollis*

<400> 195

taccatgagg	acaaatatca	ttttgagggg	ctacagttat	caccaacctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gagcttgagg	aggcttctca	gtagacaacc	120
ccacattaac	tcgattcttc	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	cctcaccttc	ctccacgaat	cgggctcaaa	caaccccccta	ggcatcgtat	240
caaaactgcca	taaaattcca	ttccacccct	atttttcctt	aaaagatacc	ctaggattca	300
tattcatatt	acttccactc	ataaccctag	ctctattttc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	tcacacctcc	ccatattaag	ccggaatgat	420
actttctatt	tgcatacgct	atcctacggt	caatcccaaa	caaactagga	gg	472

<210> 196

<211> 472

<212> DNA

<213> *Grus japonensis*

<400> 196

taccatgggg	acaaatatcc	ttttgagggg	ctacagttat	caccaatctc	ttctcagccg	60
tcccatacat	cggccaaacc	ctcgtagaat	gagcttgagg	gggcttctca	gtagacaacc	120
ccacattaac	tcgattcttt	accttacact	tcctcctccc	attcataatc	ataggcctca	180
ccctaatacca	tctcactttc	ctccacgaat	cgggctcaaa	caaccccccta	ggcatcgtat	240
caaaactgtga	taaaatccca	ttccacccct	atttttcctt	aaaagataatc	ttaggattta	300
cactcatatt	acttccactc	ataaccctag	ccctattctc	accaaactta	ctaggagacc	360
cagaaaactt	caccccagca	aaccccctag	ttacacctcc	ccatattaag	ccggaatgat	420
acttcttatt	tgcatacgct	attctgcggt	caatcccaaa	caaactagga	gg	472

<210> 197

<211> 472

<212> DNA

<213> *Ciconia boyciana*

<400> 197

tgccatgagg	acagatatca	ttctgagggg	ctacagtcac	caccaaccta	ttttcagcta	60
tcccctacat	cggccaaacc	ctcgtagaat	gggcctgagg	gggcttctcc	gtcgataacc	120
caacactaac	cggattcttc	gccctacact	ttcttctccc	cttcgcaatc	gcaggcctca	180
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cactcctact	tctgccacta	accaccctgg	ccctattctc	acccaaccta	ctagggtgacc	360
cagagaactt	caccccagcc	aaccccctag	tcacaccccc	tcacatcaag	ccagagtggg	420
acttcctctt	tgcatacgcc	atcctacgct	ccatcccaaa	caaactagga	gg	472

<210> 198

<211> 472

<212> DNA

<213> *Rhea americana*

<400> 198

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tcccgtacat	eggacaaacc	ttggtagaat	gagcttgagg	gggggttttca	gtagacaacc	120
ctaccctaac	cggattcttc	gccctgcact	tccttctccc	cttcctaata	gcaggcatta	180
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ctcactctga	caaaatccca	ttccacccct	acttctccct	aaaagatgcc	ctaggactag	300
ctctcatatt	tatcccgctc	ctaaccctag	ccttcttctc	acccaacctc	ctaggggacc	360
cagaaaactt	caccccagcc	aacccctag	ttacaccccc	tcacatcaag	ccagaatgat	420
atttcttatt	cgtttacgcc	atcttacgct	ccatccccaa	caaactagga	gg	472

<210> 199

<211> 472

<212> DNA

<213> Anthracoceros albirostris

<400> 199

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tcccatacat	eggccaaacc	ttagtagaat	gggcctgagg	gggattctcc	gttgacaacc	120
caaccctgac	acgattcttc	gccctacact	ttctcctccc	gttcataatc	gcaggcctag	180
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cagtaatact	cctcctccta	acctccctag	ccctcttctc	ccccaaccta	ctaggagacc	360
cagaaaactt	cacaccagca	aacccctgg	taactccccc	ccatattaag	ccagaatggt	420
atttcttatt	cgcataatgcc	atcctacgct	caatccccaa	taaactagga	gg	472

<210> 200

<211> 472

<212> DNA

<213> Falco femoralis

<400> 200

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tcccatacat	cgggtcaaacc	ctagtcgagt	gggcctgagg	aggattttca	gtagacaatc	120
caacactgac	cggattcttc	gccctacact	tcctcctacc	attcctaata	gcagggtcca	180
ccttaatcca	cctcaccttc	ctacatgaat	caggttcaaa	caacccctta	ggaatcacat	240
caaactgcga	taaaatccca	ttccatccct	attactctct	caaagacctc	ctaggattca	300
tactcatata	cctcccccta	ataaccttag	ccctattcac	tcccaaccta	ctaggagacc	360
cagaaaactt	tacaccagca	aatcccttag	tcaccccccc	acacatcaaa	ccagaatgat	420
acttcttatt	cgcctacgcc	atcctacgct	caatccccaa	caaactaggt	gg	472

<210> 201

<211> 472

<212> DNA

<213> Falco verpertinus

<400> 201

taccctgagg	acaaatatca	ttctggggag	ccacagtcac	cactaaccta	ttttcagcaa	60
tcccatacat	eggccaaacc	ctagtcgaat	gggcctgagg	aggattttca	gtagataacc	120
caacactaac	cggattcttc	gccctacact	ttctcctacc	attcctaata	gcagggtcca	180
ccctaattca	cctcaccttc	ctacacgaat	caggttcaaa	caacccctta	ggaatcacat	240
caaactgcga	caaaatccca	ttccatccct	actactctct	aaaagacctt	ttaggagtca	300
tactcatata	cctcccccta	ataaccttag	ccctatttac	cccaaactta	ctaggagacc	360
cagaaaactt	cacaccagca	aaccccttag	tcacaccccc	acacatcaaa	ccagaatgat	420
acttcttatt	tgcctacgcc	atcctacgct	caatccccaa	caaactgggt	gg	472

<210> 202

<211> 472

<212> DNA

<213> *Falco peregrinus*

<400> 202

taccctgagg	acaaatatca	ttctgaggag	ccacagtc	at	taccaaccta	ttctcagcaa	60
tcccatacat	cggccaaacc	ctagtccaat	gagcttgagg	gggattttca	gtagacaacc		120
caacactgac	ccgattcttc	gccctacact	tcctacttcc	attcctaatac	gcaggactca		180
ccctaatacca	cctcaccttc	ctacatgaat	caggctcaaa	taaccccccta	ggaatcacat		240
caaattgcga	caaaatccca	ttccacccat	actactctct	caaagatatc	ctaggattta		300
tactcatata	cctgccccta	ataaccctag	ccctattttac	cccaaacctg	ctaggagacc		360
cagaaaactt	tacaccagca	aatccccttag	tcaccccccc	acacatcaaa	ccagaatgat		420
acttcctatt	tgcttacgcc	atcctacgct	caatccccaa	taaactgggc	gg		472

<210> 203

<211> 472

<212> DNA

<213> *Falco sparverius*

<400> 203

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tcccatacat	cggccaaacc	ctagtccaat	gggcctgagg	aggatttctca	gtagacaacc		120
caacactaac	ccgcttcttc	gccctacact	tcctcctacc	attcctaatac	gcagggctta		180
ccttaatacca	cctcaccttc	ctacatgaat	cagggttccaa	caaccccccta	ggagtcacat		240
caaactgtga	caaaatccca	ttccacccct	actactctct	caaagacctc	ctagggtttta		300
tgctcatact	cctgccccta	atagccctag	ccctatttcac	cccaaacctg	ctaggagacc		360
cagaaaactt	cacaccagcg	aaccccctag	tcacccccacc	acacatcaaa	ccagaatgat		420
acttcctatt	tgccctacgct	attctacgct	caattccccaa	caaattaggc	gg		472

<210> 204

<211> 472

<212> DNA

<213> *Aythya americana*

<400> 204

taccatgagg	acaaatatca	ttctgagggg	ccaccgtgat	cactaacctg	ttctcagccc	60
tcccatacat	cgggcaaacc	cttgtagaat	gggcctgagg	aggatttctcg	gtagacaacc	120
caaccctaac	tcgattcttc	gccatccact	tcctactacc	cttcctaatac	gcaggaatca	180
ccctagtcca	cctaactttc	ctgcacgagt	caggctcaaa	caaccccccta	ggcattgtat	240
cagactgcga	caaaatccca	tttcacccct	acttctcctt	caaagacatc	ctaggattta	300
tcctcatgct	caccccccta	atagcactag	ccctatttctc	accaaacctc	ctaggagacc	360
cagaaaactt	taccccagca	aacccactag	taacccccacc	ccacatcaaa	ccagaatgat	420
acttcctatt	cgcctacgcc	atcctgcgat	caatccccgaa	taaactagga	gg	472

<210> 205

<211> 472

<212> DNA

<213> *Smithornis sharpei*

<400> 205

tcccatgagg	ccaaatatca	ttctgagggtg	ctacagtaat	caccaacctc	ttctcagcta	60
ttccatacat	cggacaaaacc	ctagtagaat	gagcttgggg	aggattttca	gtagacaacc	120
ccacccttac	cgcattcttc	tcccttcact	tcctcctccc	atttatcatc	gcaagcctga	180
cactcatcca	tctcaccttc	ctccatgaaa	cagggtcaaa	caaccctcta	ggtatctcat	240
ctaactccga	taaaatccca	ttccacccat	acttctccat	aaaagacatt	ctaggccttg	300
caatcatact	aacaccacta	ataaccctag	ccatattctc	tcctaacctc	ctaggagacc	360
cagaaaattt	cacaccgcgc	aactccctcg	tcactccccc	tcatatcaaa	cccgaatgat	420
attttttatt	tgcatacgct	attctgcgat	caattccaaa	caaactagga	gg	472

<210> 206

<211> 472

<212> DNA

<213> *Vidua chalybeata*

<400> 206

tgccatgagg	acaaatatca	ttctgaggag	ccacagtaat	cacaaaccta	ttctcagcaa	60
ttccatacat	tggccaaaacc	ctagtagaat	gagcctgagg	aggattctca	gtagacaacc	120
caaacctcac	cgcattcttc	gccctacact	tccttctacc	cttcgtcatt	gcaggactca	180
ctctagtcca	cctcacattc	ctacacgaaa	caggatcaaa	caatccaata	ggaattccat	240
cagactgtga	caaaattcca	ttccacccat	actacaccac	aaaggacatc	ctaggcctcg	300
tactaatatt	cgcactccta	gcttccatag	ccctattctc	cccaaacata	ctaggagatc	360
cagaaaactt	cactccggcc	aaccccctaa	tcacaccacc	acatatcaaa	cccgaatgat	420
acttcttatt	cgccctacgcc	atcctacgat	ccatcccaaa	caaactagga	gg	472

<210> 207

<211> 472

<212> DNA

<213> *Chrysemys picta*

<400> 207

taccatgggg	ccaaatatcc	ttctgagggtg	ccaccgttat	tactaacctc	ctctcagcca	60
tcccatatcat	tggtaacaca	ttagtacaat	gaatctgagg	tggattctca	gtagacaacg	120
caaccctaac	cgcatttttt	acccttcact	tccttctacc	atttacaatc	ataggtctaa	180
caatagtaca	cctacttttt	ctacatgaaa	ctggatcaaa	caaccacaac	ggattaaact	240
caaacactga	caaaatccca	ttccaccctt	atttctcata	taaagacctt	ttaggcgtca	300
ttctaatact	aaccctccta	ctaaccctaa	cactattctc	tccaaacctt	ttaggggacc	360
cagataactt	cacaccggcc	aaccccctat	ctaccccacc	acatatttaa	ccagaatgat	420
actttctttt	cgcttacgca	attctacgat	ccatcccaaa	caaattaggt	gg	472

<210> 208

<211> 472

<212> DNA

<213> *Emys orbicularis*

<400> 208

taccatgagg	ccaaatatcc	ttctgagggtg	ccaccgttat	tactaacctc	ctctcagccg	60
tcccatacat	tggcaataca	ctagtgcgat	gaatctgagg	gggattctca	gtagataacg	120
caaccctaac	cgcattcttc	actttccatt	tcttactgcc	atttaccatt	ataggcctaa	180

caatagtaca	cctactcttc	ctacacgaaa	cgggatcaaa	caatccaaca	ggattaaact	240
caaacaccga	taaaatccct	ttccatccct	acttctcata	caaagaccta	ttaggactca	300
tcctaatact	agccttcctg	ctaaccctaa	cactattctc	tcctaaccct	ctaggagacc	360
cagataactt	tacaccagct	aaccgcgtat	ccaccccacc	acatattaag	ccagagtgat	420
actttctttt	tgcctacgca	atcctacgat	caatcccaaa	caaattagga	gg	472

<210> 209

<211> 472

<212> DNA

<213> *Chelonia mydas*

<400> 209

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tcccatacat	cggcaacaca	ctagtacaat	gaatctgagg	agggttttca	gtagacaatg	120
caaccctaac	ccgattcttc	accttccact	tcctattacc	atttgccatt	accggcctta	180
cagcagtaca	tctattattc	ctgcacgaaa	caggatcaaa	caacccaaca	ggattaaatt	240
caaataccga	caaaatcccc	ttccacccct	acttctccta	caaagactta	ctaggactca	300
ttttaatact	aactttcctc	ctaaccctaa	cacttttctc	cccctactta	ctaggagacc	360
cagacaactt	cacaccagcc	aaccctctat	ccactcctcc	ccacatcaaa	ccagaatgat	420
acttctctatt	tgcctacgca	atcctacgat	caatcccaaa	caaactaggc	gg	472

<210> 210

<211> 472

<212> DNA

<213> *Eumeces egregius*

<400> 210

tcccatgggg	acagatatcc	ttctgaggcg	caaccgtaat	tacaaaccta	ttatcagcaa	60
ttccatacat	tggcaccaac	ctagtagaat	gaatttgagg	gggttttcc	gtagacaacg	120
caaccctcac	ccgatttttc	acattccact	tccttctgcc	attcgctatt	ataggggcct	180
caataattca	cctactattt	cttcacgaaa	caggatcaaa	taacccaacc	ggactaaatt	240
ctagcacaga	taagggtgcca	ttccacccat	attacacata	caaagacctt	cttggtttca	300
tcattatact	gtctgttcta	ctagccctcg	cccttttctc	accaaacctt	ctaggcgacc	360
cagaaaattt	taccccagca	aaccccttgg	taacaccccc	acatattaag	ccagagtgat	420
acttctctatt	tgcctacgcc	atcctacgct	ctattccaaa	caaactaggc	gg	472

<210> 211

<211> 472

<212> DNA

<213> *Antelope cervicapra*

<400> 211

taccatgagg	acaaatatct	ttttgaggag	caacagtcac	caccaatctc	ctttcagcaa	60
tcccatacat	cggtaacaa	ctagtagaat	gaatctgagg	agggtttctca	gtagataaag	120
caacccttac	ccgatttttc	gccttccact	ttatcctccc	atttatcatt	gcagccctta	180
ccatagtaca	cctactgttt	ctccacgaaa	caggatccaa	caaccccaca	ggaatctcat	240
cagacgcaga	caaaattcca	ttccacccct	actacactat	caaagatatc	ctaggagctc	300
tactattaat	tttaaccctc	atgcttctag	tcctattctc	accggacctg	cttgagagacc	360
cagacaacta	tacaccagca	aacccactta	atacaccccc	acatatcaag	cccgaatgat	420
acttctctatt	tgcatacgca	atcctccgat	caattcctaa	caaactagga	gg	472

<210> 212

<211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Universal primer for amplifying a fragment of cytochrome b
 gene of animal species in polymerase chain reaction
 <400> 212
 taccatgagg acaaatatca ttctg 25

<210> 213
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Universal primer for amplifying a fragment of cytochrome b
 gene of animal species in polymerase chain reaction
 <400> 213
 cctcctagtt tgtagggat tgatcg 26

<210> 214
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Primer for amplifying a fragment of cytochrome b
 gene of animal species in polymerase chain reaction
 <400> 214
 tagtagaatg aatctgagga gg 22

<210> 215
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <223> Primer for amplifying a fragment of cytochrome b
 gene of animal species in polymerase chain reaction
 <400> 215

atgcaaataag gaagtatcat tc

22

<210> 216

<211> 472

<212> DNA

<213> Aepyceros melampus

<220>

<221> n

<222> 104; 107; 128; 368; 369; 431;

<223> unknown base

<400> 216

tgccatgagg	acaaatatca	ttctgaggag	caacagtcac	tacaaatctc	ctctcagcaa	60
tcccatacat	tggtacaaac	ctagtagaat	gaatctgagg	aggnttntca	gtagacaaag	120
caaccctnac	ccgatttttc	gcyttccact	tcacatctcc	attcatcatt	gcggcactag	180
ccatagtcca	cctactcttt	cttcacgaaa	caggatctaa	caaccctaca	ggaatcttat	240
cagattcaga	taaaattcca	ttccaccctt	actatactat	traagacatc	ctaggaatcc	300
tattaataat	tctagtccta	atactcctag	tactattcat	acccgaccta	ctaggagacc	360
cagacaanna	catccccgca	aaccctactca	acacccctcc	ccacatcaag	cccgaatggt	420
acttctctgtt	ngcatatgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 217

<211> 472

<212> DNA

<213> Oreotragus oreotragus

<220>

<221> n

<222> 431

<223> unknown base

<400> 217

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ttccatatat	tggtacaaac	ctggtagaat	gaatctgagg	aggattctcg	gtggacaaag	120
caacccttac	ccgattcttt	gcctttcact	tcactcttcc	atttatcatc	gcagccctag	180
ccatagtaca	cctactcttt	ctccacgaaa	cagggtccaa	taaccccaca	ggaatctcat	240
cagacacaga	caaaatccca	tttcctcctt	attacacaat	caaagatatc	ctaggcgccc	300
tattactaat	tctagcttta	ttactcttag	tattattcac	acctgaccta	cttgagacc	360
cagataacta	caccccagca	aaccctactca	acactccccc	tcacattaaa	ccagaatggt	420
atttntctatt	ngcatatgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 218

<211> 472

<212> DNA

<213> Addax nasomaculatus

<400> 218

tgccatgagg	acaaatatca	ttctgaggag	caacagtcac	caccaacctt	ctctcagcaa	60
tcccatatat	cggcacagac	ctggctcgaat	gaatctgagg	aggattctcc	gtagacaaag	120
caacccttac	ccgatttttc	gccttccact	ttattctccc	ctttattatc	gctgcccttg	180
ccatagtcca	tctactcttt	ctccacgaaa	caggctccaa	caaccctaca	ggaatctcct	240
cagacacaga	caaaatccca	ttccaccctt	actataccat	taaagacatc	ttaggcgccc	300
tactactaat	tctagtcctc	atactactag	tattattcac	acccgaccta	cttgagagacc	360
cagacaatta	tacccagca	aatccactta	gcacgcccc	tcacatcaaa	cctgaatgat	420
atttcttatt	tgcatacgca	attctacgat	caatccccc	caaactagga	gg	472

<210> 219

<211> 472

<212> DNA

<213> Oryx damah

<400> 219

taccatgagg	acaaatatca	ttttgagggg	caacagttat	cactaacctt	ctctcagcaa	60
tcccatatat	cggcacaaa	ctagtcgaat	gaatttgagg	gggattctcc	gtagacaaag	120
caaccctcac	ccgatttttc	gccttccact	ttattctccc	ttttattatc	gctgcccttg	180
ccatagtcca	cctactcttt	ctccacgaaa	caggctccaa	caaccctaca	ggaatcacct	240
cagacacaga	caaaattccg	ttccaccctt	attataccat	taaagatata	ttaggcgccc	300
tactactaat	cctagccctt	atgttgctag	tattattcgc	acccgaccta	cttgagagacc	360
cagataatta	tacaccagca	aatccactta	acacaccccc	tcacatcaaa	cccgaatgat	420
atttcttatt	tgcatacgcg	atcttacgat	caatccccc	caaactagga	gg	472

<210> 220

<211> 472

<212> DNA

<213> Hippotragus equinus

<400> 220

taccatgagg	acaaatatca	ttctgaggag	caacagtcac	caccaacctc	ctctcagcaa	60
tcccatatat	tggcacaaac	ctagtcgaat	gaatctgagg	gggattctcc	gtagacaaag	120
caaccctcac	ccgattcttc	gccttccact	ttattcttcc	ctttatcatc	actgcccttg	180
ccatagtaca	cctactcttt	ctccatgaga	caggctccaa	caacccccaca	ggaatttgat	240
cagactccga	taaaacccca	ttccaccctt	actacaccat	taaagacatt	ctaggcgccc	300
tactactaat	tctagccctc	atactactag	tactattcgc	acccgaccta	cttgagagacc	360
cagacaacta	tgccccagca	aacccactca	acacggcccc	tcacattaaa	cccgaatgat	420
attttttatt	cgcgtacgca	attctacgat	cgatccccc	taagctggga	gg	472

<210> 221

<211> 472

<212> DNA

<213> Alcelaphus buselaphus

<400> 221

tgccatgagg	acaaatatca	ttctgagggg	caacagtcac	caccaatctc	ctctcagcaa	60
tcccatatat	tggcacagac	ctagtagaat	gaatctgagg	gggattctca	gtagacaaag	120
caacccttac	ccgatttttt	gccttccact	tcattcttcc	attcatcatt	gcagcccttg	180
ccatagtcca	cctcttattc	ctccacgaaa	caggatctaa	caacccccaca	ggaatctcat	240

cagacgcaga	taaaatccca	ttccaccctt	actatacaat	caaggacatt	ctaggcgccc	300
tattactaat	cctagccctc	atactactag	tactattcgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccccgcg	aaccacttta	acacaccccc	tcacatcaag	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 222

<211> 472

<212> DNA

<213> *Sigmoceros lichtensteinii*

<400> 222

tgccatgagg	acaaatatca	ttctgagggg	caacagtcac	caccaatctc	ctctcagcaa	60
tcccatatat	tggtacagac	ctagtagaat	gaatctgagg	aggattatca	gtagacaaag	120
caacccttac	ccgatttttt	gccttccact	tcattctccc	attcatcatt	gcagcccttg	180
ccatagttca	cctcttattc	ctccacgaaa	caggatctaa	caacccccaca	ggaatctcgt	240
cagacgcaga	taaaatccca	ttccaccctt	actatacaat	caaggacatt	ctaggcgccc	300
tattactaat	tctagccctc	atactactag	tactattcgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccccgcg	aaccacttta	acacaccccc	tcacatcaag	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccctaa	caaactagga	gg	472

<210> 223

<211> 472

<212> DNA

<213> *Beatragus hunteri*

<400> 223

tgccatgagg	acaaatatca	ttctgaggag	caacagtcac	caccaacctc	ctctcagcaa	60
ttccatatat	tggtacaaac	ctagtcgaat	gaatctgagg	aggcttctca	gtagacaaag	120
caaccctcac	ccgatttttt	gccttccact	ttattctccc	atttatcatt	acagcccttg	180
ccatagtcca	cctcttattt	ctccacgaaa	caggatctaa	caacccccaca	ggaatctcgt	240
cagatgcaga	taaaattcca	ttccaccctt	actacaccaa	caaagacatc	ctaggcgccc	300
tactactaat	tctagccctc	atattactag	tactatttgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccccgcg	aaccacttta	atacaccccc	tcacatcaaa	cccgaatgat	420
atttcctatt	tgcatacgca	atcctacgat	caatccccaa	taaactagga	gg	472

<210> 224

<211> 472

<212> DNA

<213> *Damaliscus lunatus*

<400> 224

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ttccatacat	cggcacaaat	ctagtcgaat	ggatctgagg	gggcttctca	gtagacaaag	120
ccaccctcac	ccgattcttt	gccttccact	tcattctccc	atttatcatt	gtagctcttg	180
ccatagtcca	cctcttattc	ctccatgaaa	caggatctaa	caacccccaca	ggaatctcat	240
cagatgcgga	caaaatcccc	tttcaccctt	actacactat	caaagacgcc	ctaggggccc	300
tactactaat	tctagccctc	atactactag	tactatttgc	acccgacctg	ctcggagacc	360
cagacaacta	cacccttgca	aaccacttca	acacgcccc	tcacatcaag	cccgaatgat	420
atttcctatt	cgcatacgca	atcctacggt	cgatccccaa	cgagctagga	gg	472

<210> 225

<211> 472

<212> DNA

<213> *Connochaetes taurinus*

<400> 225

taccatgagg	acaaatatcc	ttttgaggag	caacagtcac	caccaacctc	ctctcagcaa	60
tcccatacat	tggcactaac	ctagtcgaat	gaatctgagg	gggattctca	gtagacaaag	120
caacccttac	cggatttttc	gccttccact	tcattcctcc	atztatcatc	acagcccttg	180
ctatagtcca	tctcctattc	ctccacgaaa	caggatctaa	caatcccaca	ggaatttcac	240
cggacaccga	taaaatccca	ttccccccct	attacaccat	caaagacatc	ctaggcgctc	300
tattactaat	tctagcccta	atactactag	tactattcgc	gcccgattta	cttggagacc	360
cagacaacta	cacccccgca	aatccactca	acacaccccc	tcacatcaag	cccgaatgat	420
acttcttatt	tgcatatgca	atcctacgat	caatccccaa	cggactagga	gg	472

<210> 226

<211> 472

<212> DNA

<213> *Bison bonasus*

<220>

<221> n

<222> 437

<223> unknown base

<400> 226

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caacccttac	cggatttttc	gctttccact	ttatcctccc	atztattatc	atagcaattg	180
ccatagtcca	cctactattc	ctccacgaaa	caggttctaa	caatccaaca	ggaatttcct	240
cagacacaga	caaaattcca	ttccaccctt	actataccat	taaagacatc	ctaggagcct	300
tattactaat	tctaaactca	atactactag	tactattcgc	accggacctc	ctcggagacc	360
cagataacta	caccccagca	aatccactta	acacacctcc	ccacatcaaa	cccgaatgat	420
acttcttatt	tgcatangca	attttacggt	caatccccaa	caaactagga	gg	472

<210> 227

<211> 472

<212> DNA

<213> *Bos grunniens*

<400> 227

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ttccatacat	cggcacaaat	ttagtcgaat	ggatttgagg	tgggttctca	gtagacaaag	120
caaccctcac	cggattcttc	gctttccact	ttatcctccc	atztattatt	acagcaattg	180
ccatagtcca	cctactattc	ctccacgaaa	caggctccaa	caatccaaca	ggaatctcct	240
cagacgcaga	caaaattcca	tttcacccct	actataccat	taaagacatc	ttaggagcct	300
tattactaat	tctagcccta	atacttctgg	tactattcac	acccgacctc	ctcggagacc	360
cagacaacta	caccccagca	aatccactca	acacacctcc	ccacatcaaa	cccgaatgat	420
acttcttatt	tgcatacgca	attttacgat	caatccccaa	taaactagga	gg	472

<210> 228

<211> 472

<212> DNA

<213> Bos tragocamelus

<400> 228

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tcccatacat	cggcacaaaac	ctagttggaat	gaatctgagg	cgggttctca	gtagacaaag	120
caaccctaac	ccgattcttc	gctttccact	ttatcctccc	attcatcatt	gcagccctcg	180
caataatcca	tctactcttc	ctccatgaaa	caggggtctaa	caatccaaca	ggaatttcat	240
cagacgcaga	taaaatccca	tttcacccct	actacactat	taaagacatt	ctaggagccc	300
tactacttat	tctagcccta	ataatactag	tactattcgc	acccgacctc	ctcggagacc	360
cagacaacta	caccccagca	aaccacttta	gcacacctcc	ccatattaag	cccgaatggt	420
atttctgtt	cgcatacgca	attctacgat	caatcccca	caaactagga	gg	472

<210> 229

<211> 472

<212> DNA

<213> Bubalus bubalis

<400> 229

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tcccatacat	tggtagaagt	ctgggtggaat	gaatttgagg	gggattctca	gtagacaaag	120
caaccctcac	ccgattcttc	gcatttcact	tcacccctcc	attcattatc	gcaggacttg	180
caatagtcca	cctattatct	ctccacgaaa	caggatccaa	caacccaaca	ggaatctcat	240
cagacacaga	caaaatccca	ttccacccct	attacaccat	taaagacatc	ctaggcgccc	300
tactattaat	cctagcccta	atactattag	tactattcgc	acccgacctc	ctcggggacc	360
cagacaacta	caccccagca	aaccacttca	acacacctcc	ccacatcaag	cctgaatggt	420
acttcttatt	cgcatacgca	atcttacgat	caatttcctaa	caaactagga	gg	472

<210> 230

<211> 472

<212> DNA

<213> Bubalus mindorensis

<400> 230

tgccatgagg	acaaatatca	ttctgaggag	caacagtcac	caccaacctt	ctctcagcaa	60
tcccatacat	tggcacaaaac	ctagttgagt	gaatttgagg	gggattctca	gtagacaaag	120
caaccctcac	ccgattcttc	gcatttcact	tcacccctcc	attcattatc	gcagcacttg	180
caatagtcca	cctattatct	ctccacgaaa	caggatccaa	caacccaaca	ggaatctcat	240
cagacacaga	caaaatccca	ttccacccct	actacaccat	taaagacatt	ctaggcgccc	300
tgctattaat	cctagcccta	atactattag	tactattcac	acccgacctc	ctcggggacc	360
cagacaacta	caccccagca	aaccacttca	acacacctcc	ccatattcaa	cctgaatggt	420
acttcttatt	cgcatacgca	atcttacgat	cagtttcctaa	caaactagga	gg	472

<210> 231

<211> 472

<212> DNA

<213> Tragelaphus angasii

<400> 231

tgccatgagg	acaaatatca	ttctgaggag	caacgggtcat	cacaaacctc	ctatcagcaa	60
tcccatatat	tggcaccaac	ctagttgaat	gaatctgagg	aggcttctcg	gtagacaagg	120
caaccctaac	ccgatttttc	gccttccact	tcctcctccc	gtttattatt	acagcgctgg	180
ttatggtcca	cctattattc	ctccatgaaa	caggatccaa	caacccaaca	ggaatctcat	240
cagacataga	caaaattcca	ttccaccctt	attacactat	caaggacatc	ctaggcgccc	300
tactattaat	cctagcccta	atagtactag	tactattcac	acctgacctc	ctcggagacc	360
ccgacaacta	caccccgagc	aacccctca	atacacctcc	ccatatcaaa	cctgaatgat	420
atttctctgtt	cgcatatgca	atcctacgat	ctatccccaa	caagctagga	gg	472

<210> 232

<211> 472

<212> DNA

<213> *Tragelaphus eurycerus*

<400> 232

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tcccttatat	tggcaccagc	ctagtcgaat	gaatctgagg	gggcttttca	gtagacaaag	120
caaccttaac	ccgattcttc	gccttccact	ttatccttcc	atttattatt	acagcactag	180
ccatggtaca	cctactattc	ctccacgaaa	caggatccaa	caacccaaca	ggratctcat	240
craacataga	caaaattcca	tttcaccctt	actacactat	taaggacatc	ctaggtgccc	300
tactgctaatt	cctaactcta	atactcctag	tactattcgc	acccgacctt	ctcggagacc	360
ccgacaacta	caccccgagc	aacccactca	acacaccacc	tcatatcaaa	cctgaatgat	420
acttctctatt	cgcatatgca	atcctacgat	caatccctaa	taaactagga	gg	472

<210> 233

<211> 472

<212> DNA

<213> *Nemorhaedus caudatus*

<400> 233

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ctactctcac	ccgattcttc	gccttccact	tcctcctccc	atttatcatt	acagctactg	180
ctatagtcca	cctacttttc	ctccatgaga	taggatccaa	caaccccaca	ggatcccat	240
cagacataga	caaaatccca	tttcaccctt	attatacaat	caaagatatt	ctaggcgcta	300
tactactaat	cctcaccctt	attttactgg	tattattcac	acctgactta	cttggagatc	360
cagacaacta	taccccgagc	aacccactca	gcacaccccc	tcacattaaa	cctgaatgat	420
atttctctatt	tgcatatgca	atcctacgat	caatccccaa	taaactaggc	gg	472

<210> 234

<211> 472

<212> DNA

<213> *Pseudois nayaur*

<400> 234

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ccactctcac	ccgattcttc	gccttccact	tcctcctccc	atttattatt	atagccctcg	180
ccatagtcca	cctacttttc	ctccacgaaa	caggatctaa	caaccccaca	ggaatcccat	240
cagacacaga	caaaatccca	ttccaccctt	actacaccat	taaagatatt	ctaggcgctg	300

cactgcta	at	ctcgc	ccctg	atattactag	tattat	tttac	acccgaccta	ctcggagacc	360
cagaca	acta	cacccagca	aacc	actca	acacacccc	tcacattaaa	ccc	gagtgat	420
acttcctatt	tgcatacgca	atcctacgat	caattcccaa	caagctagga	gg				472

<210> 235

<211> 472

<212> DNA

<213> Ammotragus lervia

<400> 235

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ctactctcac	ccgattcttc	gccttccact	tcatectccc	atttgtaatc	gcagccctag			180
ccatagtcca	cttacttttc	ctccatgaaa	cgggatccaa	caaccccaca	ggaatttcat			240
cagacgcaga	caaaatccca	ttccaccctt	actacaccat	caaagatatt	ctaggcgcca			300
tgctactaat	cctcaccctc	acactactag	tactat	tttac	acccgatcta	ctcggggacc		360
cagacaacta	tacccagca	aatccactca	acacacccc	tcata	ttaaa	cctgaatgat		420
acttcctatt	tgcatacgca	atcctacgat	caatccctaa	taaactggga	gg			472

<210> 236

<211> 472

<212> DNA

<213> Capra falconeri

<400> 236

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tcccatacat	tggcacaaaac	ctagtcgaat	gaatctgagg	aggatttctca	gtagataaaag		120
ccaccctcac	ccgattcttc	gccttccact	ttatectccc	attcatcatt	gcaggcctcg		180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caatcccaca	ggaattccat		240
cagacacaga	caaaatccca	ttccaccctt	actacaccat	taaagatatc	ctaggcgcca		300
tactactaat	tctcgccctg	atgctactag	tactattcac	acctgaccta	ctcggagacc		360
cagataacta	tatcccagca	aatccactca	atacacccc	tcatatcaaa	cctgagtggt		420
acttcctatt	tgcatacgca	atcctacgat	caatccccaa	caaactagga	gg		472

<210> 237

<211> 472

<212> DNA

<213> Capra ibex

<400> 237

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tcccatacat	tggcacaaaac	ctagtcgaat	gaatctgagg	gggatttctca	gtagacaaaag			120
ccactctcac	ccgattcttc	gccttccact	tcatectccc	attcatcatt	acagccctcg			180
ccatagtcca	cctgctcttc	ctccacgaaa	cgggatccaa	caaccccaca	ggaattccat			240
cagacacaga	caaaatccca	ttccaccctt	actacaccat	taaagatatc	ttaggcgcca			300
tgctactaat	tcttgctcta	atattactag	tactattcac	acccgaccta	ctcggggacc			360
cagacaacta	tacccagca	aacc	actca	atacacccc	tcacattaaa	cctgaatgat		420
atttcctatt	tgcatacgca	atcctacgat	caattcccaa	caaactaggg	gg			472

<210> 238

<211> 472

<212> DNA

<213> *Hemitragus jemlahicus*

<400> 238

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ttccatatat	cggcacaaac	ctagtcgaat	gaatctgagg	aggattctca	gtagacaaag		120
ctaccctaac	ccgattcttc	gctttccact	tcattctccc	attcatcatt	gcagccctcg		180
ccatagtcca	cctgctcttc	ctccacgaaa	caggggtccaa	caacccccaca	gggattccat		240
cagatacaga	caaaatccca	tttcaccctt	actacaccat	taaagatatt	ttaggcgcca		300
tactactaat	tcttgtccta	atattactag	tactatztat	acccgaccta	cttggagacc		360
cagacaacta	taccccgagca	aatccactca	acacaccccc	tcacattaaa	cctgaatgat		420
attttctatt	tgcatacgcg	atcctacgat	caattcccaa	caaactagga	gg		472

<210> 239

<211> 472

<212> DNA

<213> *Rupicapra pyrenaica*

<400> 239

taccatgagg	acagatatca	ttctgaggag	caacagttat	taccaatctc	ctctcagcaa	60
tcccatacat	tggcatagac	ttagtcgagt	gaatctgagg	gggtttctcg	gtagacaaag	120
ctaccctcac	ccgattcttt	gcctttcact	tcattctccc	attcatcatt	gcagcccttag	180
ccatagtcca	cctactcttc	ctccatgaaa	caggatcaaa	caacccccaca	ggaatcccat	240
cagatgcgga	traaatccca	tttcaccctt	actataccat	taaagacatt	ctaggcgcca	300
tactactaat	cctcaccctt	atactactgg	tactatztat	acctgaccta	ctcggagacc	360
cagataacta	taccccgagcg	aacccactca	acacaccccc	tcacatcaaa	cccgaatgat	420
atttcttggt	tgcatatgcg	atcctacgat	caattcccaa	caaacttgga	gg	472

<210> 240

<211> 472

<212> DNA

<213> *Rupicapra rupicapra*

<220>

<221> n

<222> 263; 338;

<223> unknown base

<400> 240

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ctaccctcac	ccgattcttt	gcctttccact	tcattctccc	atttatcatt	gcagcccttag	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatctaa	caacccccaca	ggaatcccat	240
cagatgcgga	caaaatccca	tttnaccctt	attataccat	caaagacatt	ctgggcgcca	300
tactactaat	cctcaccctc	atactactag	tactattnac	acctgaccta	ctcggagacc	360
cagataatta	caccccgagcg	aacccactca	acacaccccc	tcacattaaa	cccgaatgat	420
atttcttatt	tgcatatgca	attctacgat	caatccccaa	caaacttgga	gg	472

<210> 241

<211> 472

<212> DNA

<213> *Pantholops hodgsoni*

<400> 241

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tcccatacat	tggcacagac	ctagtctgaat	gaatctgagg	gggattctca	gtagacaaag	120
ttacccttac	ccgattcttt	gccttccatt	tcattctccc	attcatcatc	gcagccctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaattccat	240
cagatgcaga	caaaatccca	tttcacccct	actataccat	taaagacatc	ctaggcgcta	300
tactactaat	cctaactctc	atattactag	tactattttc	acccgacctc	ctcggagacc	360
cagacaatta	taccccagca	aacccctca	acacaccacc	ccacattaaa	cctgaatggt	420
actttctatt	tgcatacgca	atcctacgat	caatccccaa	caaactagga	gg	472

<210> 242

<211> 472

<212> DNA

<213> *Budorcas taxicolor taxicolor*

<400> 242

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tcccatacat	tggcacaaac	ctagttgagt	gaatctgagg	aggattctca	gtagacaaag	120
catccctcac	ccgattcttt	gcctttcact	tcctctctcc	atttatcatc	gcagacctcg	180
ccatagtcca	tttacttttc	ctccacgaaa	caggatccaa	caaccccaca	ggaattccgt	240
cagatgcaga	taaaattcca	tttcacccct	attacaccat	taaagatatc	ctaggagtca	300
tactactaat	cctcgtctct	atggttgctag	tactatttat	acttgacgta	cttggagacc	360
cagataatta	taccccagca	aatccactca	acacaccccc	tcacatcaaa	cctgaatgat	420
atttctctatt	tgcatacgca	atcttacgat	caatccccaa	caaactagga	gg	472

<210> 243

<211> 472

<212> DNA

<213> *Ovis ammon*

<400> 243

taccatgagg	acaaatatca	ttctgaggag	caacagttat	taccaacctc	ctttcagcaa	60
ttccatacat	tggcacaaac	ctagtctgaat	gaatctgagg	gggattctca	gtagacaaag	120
ccaccctgac	ccgattcttc	gcctttcact	ttattttccc	attcatcatc	gcagccctcg	180
ccatagtcca	cctactcttc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
cggacacaga	taaaattccc	ttccacccct	actacaccat	taaagacatc	ctagggtgcca	300
tcctactaat	cctcaccctc	atactactag	tactattcac	gcctgacctc	ctcggagacc	360
cagacaacta	caccccagca	aacccactta	acactccccc	tcacatcaaa	cctgaatgat	420
acttctctatt	tgcatacgca	atcttacgat	caatccctaa	taaactagga	gg	472

<220>

<221> n

<222> 264 - 278

<223> unknown base

<210> 244

<211> 472

<212> DNA

<213> *Ovis vignei*

<400> 244

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ttccatatat	tggcacaaac	ctagtogaat	gaatctgagg	aggattctca	gtagacaaag	120
ctaccctcac	ccgatttttc	gcctttcact	ttattttccc	attcatcatc	gcagccctcg	180
ctatagttca	cctactcttc	ctccacgaaa	caggatccaa	taacccacac	ggaattccat	240
cggacacaga	caaaatcccc	ttcnnnnnnn	nnnnnnnnat	taaagacatt	ctgggtgcca	300
tcctactaat	cctcatcctc	atgctgctag	tactattcac	gcctgactta	cttggagacc	360
cagacaacta	caccccagca	aacccactta	acactccccc	tcacatcaaa	cctgaatgat	420
atttcctatt	tgcatacgca	atcttacgat	caatccctaa	taaactagga	gg	472

<210> 245

<211> 472

<212> DNA

<213> *Capcornis crispus*

<400> 245

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ttccatatat	tggcacaaac	ttagtagaat	gaatctgagg	aggattctcc	gtagacaaag	120
ccaccctcac	ccgattcttt	gccttccatt	tcattctccc	attcatcatc	acagccctcg	180
ccatagtgca	cctacttttc	ctccacgaaa	caggatccaa	caacccacac	ggaattctcat	240
cagacacaga	caaaatcccc	ttccaccctc	actacacaa	caaagatata	ctaggcatcg	300
tgctactaat	cctcaccctc	atactactag	tactgttcac	acccgaccta	ctcggagacc	360
cagacaacta	cactccagca	aacccactca	acacaccccc	tcacatcaag	cccgaatgat	420
acttcctatt	tgcatacgca	atcctacgat	caatccccaa	caaactaggc	gg	472

<210> 246

<211> 472

<212> DNA

<213> *Ovibos moschatus*

<400> 246

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ttccatatat	cggcacaaac	ctagtogaat	gaatctgagg	aggattctcc	gtagacaaag	120
ccaccctcac	ccgatttttt	gcttttcact	ttatctctcc	atttatcatc	gtagccctcg	180
ctatagtaca	tttgctcttc	ctccacgaaa	caggatccaa	caacccacac	ggaattccat	240
cagacacgga	caaaatcccc	ttccaccctc	actatacaat	caaagacatt	ctaggcgcca	300
tactactaat	ccttaccctt	atactactag	tattattcac	acccgaccta	cttggagacc	360
cagacaacta	taccccagca	aacccactca	acacaccccc	tcacattaaa	ccagagtgat	420
acttcctatt	tgcatacgca	atcctacgat	caatttcctaa	caaactaggc	gg	472

<210> 247

<211> 472

<212> DNA

<213> *Oreamnos americanus*

<400> 247

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ttccatatat	tggcacaaaac	ctagtctgaat	gaatctgagg	gggatttctca	gtagacaaaag	120
ccaccctgac	ccgattcttc	gcctttcact	ttattttccc	attcatcatc	gcagccctcg	180
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cagacaacta	caccccagca	aaccactta	acactcccc	tcacatcaaa	cctgaatgat	420
acttcctatt	tgcatacgca	atcttacgat	caatccctaa	taaactagga	gg	472

<210> 248

<211> 472

<212> DNA

<213> *Cephalophus dorsalis*

<400> 248

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caactctcac	ccgattcttc	gcctttcact	ttatcttccc	ttttattatt	gcagccctcg	180
ccatagtcca	cctactcttc	ctccatgaaa	caggatccaa	caaccccaca	ggagtctcat	240
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cagataacta	caccccagca	aaccactca	acacacctcc	ccatattaaa	cccgaatgat	420
acttcctatt	tgcatacgca	atcctacgat	caattccaaa	caaactagga	gg	472

<210> 249

<211> 472

<212> DNA

<213> *Cephalophus maxwellii*

<400> 249

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caaccctcac	tcgatttttc	gcctttcact	ttatcttccc	atttatcatc	gcagcccttg	180
ccatagtcca	cctactattc	ctccacgaaa	caggatctaa	taaccccaca	ggaatctcat	240
cagacgcaga	caaaatcccg	ttccaccctt	actacactat	caaagacatc	ctaggcgccc	300
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cagataatta	tactccagca	aaccactta	acacacctcc	ccacatcaag	cccgaatgat	420
atttcctatt	cgcgtacgca	attctacgat	caattccaaa	taaattagga	gg	472

<210> 250

<211> 472

<212> DNA

<213> *Alces alces*

<400> 250

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ttccatatcat	tggctactaat	ctagttgaat	gaatttgagg	cggtttttca	gtagacaaaag	120
caactctaac	ccgatttttc	gcctttcact	ttattctccc	atttatcatc	gcagcacttg	180

ccatagtcca	cttacttttc	ctccacgaaa	caggatccaa	caacccaaca	ggaattccat	240
cagacgcaga	caaaatccca	tttcaccctt	actacactat	caaagatata	ttaggtgccc	300
tactcttaac	tcttttccca	atactactag	tactcttttc	accagacctg	cttggagacc	360
cagacaacta	caccccagct	aatccactca	acacaccccc	tcatattaag	cctgaatggt	420
atttcttatt	tgcatacgca	attctacgat	caatccccaa	taaactaggg	gg	472

<210> 251

<211> 472

<212> DNA

<213> *Hydropotes inermis*

<400> 251

ttccatgagg	acaaatatca	ttctgaggag	caacgggtcat	tactaatctc	ctgtcagcaa	60
ttccatacgt	cggatcaaat	ctagtgcgaat	gaatctgagg	tggcttttca	gtagataaag	120
ctaccctgac	ccgattcttc	gccttccact	tcattcttcc	atttatcatt	gcagctcttg	180
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cagatgcaga	taaaattcca	tttcatccct	actacaccaa	taaagatatt	ctaggtgtac	300
tccttctaata	tcttttccca	atgttattag	tcctattttc	acctgacctg	cttggagacc	360
cagacaatta	tactccagca	aacccactca	atacaccccc	tcacattaaa	ccagaatgat	420
atttcttatt	tgcatacgca	attctacgat	ctatccctaa	caaattagga	gg	472

<210> 252

<211> 472

<212> DNA

<213> *Muntiacus muntjak*

<400> 252

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ttccatatat	tggcacaaac	ttagtgcgaat	gaatctgagg	aggcttttca	gttgataaag	120
caaccctcac	ccgattcttt	gccttccact	ttatctctcc	atttattatt	gcagcacttg	180
ctatagtcca	cctacttttc	ctccacgaaa	caggatccaa	caatccaaca	ggaattccat	240
cagatgtaga	caaaattcct	ttccatccct	actataccat	taaagatatt	ttaggtgccc	300
tacttctaata	tctcttccca	atattattag	tattattcgt	accagacctg	ctcggagacc	360
ccgacaatta	taccccagca	aacccactca	atacaccccc	tcacatcaag	cctgaatgat	420
atttcttatt	tgcatacgct	attctacgat	caattccctaa	caaactagga	gg	472

<210> 253

<211> 472

<212> DNA

<213> *Cervus elaphus kansuensis*

<400> 253

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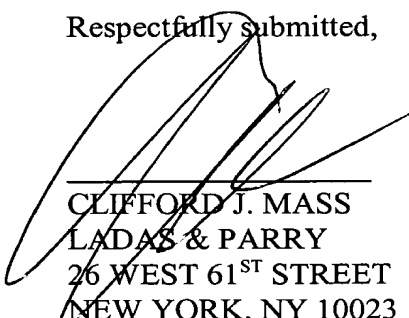
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REMARKS

The above amendatory action is taken to correct the errors in the Sequence Listing noted in the Official Communication of January 2, 2002. In addition to a paper copy of the Sequence Listing, a computer readable copy of the Sequence Listing and the requisite statements are submitted herewith.

Respectfully submitted,



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